

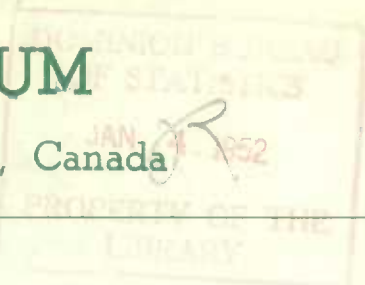
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VOL. 1

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No. 2

PIPE LINES (OIL) STATISTICS

JANUARY - AUGUST, 1951

The second issue of this new series presents details of the operations of the Canadian oil pipe line companies during August and for the first eight months of 1951. Comparative monthly data for 1950 are not available but statistics of company operations during the year 1950 will be published in the annual report for 1951.

Oil movement by pipe lines during the first eight months of the current year has shown a steady upward trend in nearly all phases of operations. One of the few items to register a decrease was trunk line receipts from foreign pipe line connections (table 1) which reached a high for the year of 4,124,868 barrels in May and retreated to 3,852,389 barrels for the month of August. Deliveries from Canadian trunk lines to foreign pipe line connections which had reached a peak in July at 1,992,751 barrels declined 327,429 barrels to an August delivery of 1,665,328 barrels. Net received for initial movement by trunk lines from foreign connections and other carriers such as tank car, truck-trailer, etc., was slightly lower in August than in July, totalling 4,073,824 barrels compared with 4,078,785 barrels.

All items in table 2 reached new peaks for the year in August with the exception of receipts from other (non-pipe line) carriers which advanced from 14,094 barrels in July to 25,511 in August but were still well below the May intake of 80,598 barrels.

Table 3 which indicates the province of origin of the oil moved in pipe lines, shows August totals of 4,668,267 and 221,435 barrels respectively, for gathering and trunk lines in Alberta. Trunk movement in Quebec which reflects the receipts from foreign connections (all of which presently enters Canada through the Montreal Pipe Line) was down from the May high of 4,124,868 barrels to an August figure of 3,852,389 barrels. The large increase in the gathering line movement resulted in a total originated of 8,742,091 barrels during the month under review, being the high for 1951 against 8,390,043 in July. Volume of terminations, as shown in table 4, attained new peaks in Alberta from both gathering and trunk lines. Saskatchewan, Manitoba and Quebec terminations were all down from those for July. The net deliveries, due to the heavy Alberta movement, reached a record for the year.

Operating statistics for all companies are given in table 5. The daily average number of barrels handled has steadily increased during the year and in August stood at 151,281 barrels per day for gathering systems and 312,108 barrels per day for trunk systems. The 2,582 million barrel miles registered during August was down some 59 million barrel miles from the July record of 2,641 million, due mainly to a shorter average movement on the Interprovincial Pipe Line system. This factor also resulted in a drop of 16.4 miles in the average miles per barrel of oil moved which was 266.8 miles in August. Employees at 558 were five less than in July but total earnings were up \$18,159 to \$184,463 for August. Wage earners worked 39,024 man-hours, an increase of 5,221 man-hours or 15.5 p.c. over the previous month.

Details of company operations during August and during the first eight months of 1951 are given in table 6. Imperial Pipe Line Company recorded the greatest number of barrels received and delivered during August while the Montreal Pipe Line transported the largest quantity of oil during the eight months period. The combined daily average of 173,362 barrels per day handled by gathering and trunk lines of the Imperial Pipe Line Company are well above those of the other lines. Montreal Pipe Line with 123,640 barrels per day is the leader among the trunk lines. The length of the Interprovincial system is reflected in the total barrel miles which it must be noted is given only for trunk line movement of oil. The average distance that oil moved in August through the Interprovincial Pipe Line Company's lines was 657 miles per barrel. The fact that this movement is considerably less than the 775 miles of line which the company operates in Canada is due to the several distributing and storage points and terminals along the company's line which lowers the average length of haul. Another indication of the importance of the Interprovincial Pipe Line Company operations is that their revenues for the first six months of 1951 were \$4,213,828, or nearly 63 per cent of total revenues for all oil pipe lines reporting during that period.

Totals shown in table 6 for receipts and deliveries differ from those shown in tables 1 and 2 by the fact that the table 6 figures include all oil received and delivered in inter-company transactions. Reconciliation of these differences is shown below

	<u>Barrels</u>
Total Received into Systems - all companies - during first eight months of 1951 per table 6 ...	79,041,603
Received into Trunk Lines from Other Domestic Pipe Lines	<u>22,667,102</u>
"Net Received" into Canadian Pipe Line Systems	<u>56,374,501</u>
"Net Received" into Trunk Systems per table 1	30,311,141
"Net Received" into Gathering Systems per table 2 ...	26,063,360

	<u>Barrels</u>
Total Delivered out of Systems - all companies during first eight months of 1951 per table 6	78,570,164
Delivered to other Domestic Pipe Lines:	
From Trunk Systems 7,386,993	
From Gathering Systems <u>15,109,626</u>	<u>22,496,619</u>
"Net Delivered" from Canadian Pipe Line Systems	<u>56,073,545</u>
"Net Delivered" from Trunk Systems per table 1	54,048,498
"Net Delivered" from Gathering Systems per table 2 ...	2,025,047

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 the eight-month period covered by this report and are given herewith:

Oil Balance - All Companies - January - August, 1951

	<u>Barrels</u>	<u>Barrels</u>
Total Shippers' Balances - January 1, 1951	1,896,922	
Total Carriers' Balances - January 1, 1951	<u>209,935</u>	2,106,857
Received into Gathering Systems, January 1 to August 31, 1951	26,063,360	
Received into Trunk Systems, January 1 to August 31, 1951 <u>62,018,220</u>		<u>88,081,580</u>
Total oil accountable for period		90,188,437
Delivered from Gathering Systems, January 1 to August 31, 1951	26,174,650	
Delivered from Trunk Systems, January 1 to August 31, 1951	<u>61,435,491</u>	<u>87,610,141</u>
Balance to be accounted for at August 31, 1951		2,578,296
Oil consumed as fuel and losses		96,318
<u>Balance on hand - August 31, 1951</u>		<u>2,481,978</u>
Total Shippers' Balances - August 31, 1951	2,189,601	
Total Carriers' Balances - August 31, 1951	292,377	

OIL CARRIED BY PIPE LINES - TRUNK

TABLE 1

	First Quarter	Second Quarter	July	August	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received (3+3+4+5)</u>	18,271,236	24,718,426	9,232,730	9,795,828	62,018,220
Less: Received from other Canadian pipe lines-					
2. Own gathering system	2,776,679	3,532,803	1,310,278	1,420,217	9,039,977
3. Other pipe lines - Gathering	3,564,342	6,131,813	2,750,420	2,882,469	15,329,049
4. Trunk	1,556,675	3,268,813	1,093,247	1,419,318	7,338,053
5. <u>Net Received (6+7+8)</u>	10,373,540	11,784,992	4,078,785	4,073,824	30,311,141
6. Originating on own trunk lines	-	-	-	-	-
7. Received from foreign pipe line connections	10,195,502	11,421,002	3,894,885	3,852,389	29,353,778
8. Received from other carriers	188,038	363,990	183,900	221,435	957,363
9. <u>Total Delivered (10+11)</u>	17,948,823	24,484,672	9,326,624	9,675,372	61,435,491
10. Less: Delivered to other Canadian trunk lines	1,567,118	3,282,854	1,096,809	1,440,212	7,386,993
11. <u>Net Delivered (12+13+14)</u>	16,381,705	21,201,818	8,229,815	8,235,160	54,048,498
12. Terminated on own trunk lines	15,497,104	17,175,316	6,237,058	6,569,832	45,479,310
13. Delivered to foreign pipe line connections	884,601	4,026,502	1,992,757	1,665,328	8,569,188
14. Delivered to other carriers	-	-	-	-	-

TABLE 1

- 4 -

OIL CARRIED BY PIPE LINES - GATHERING

TABLE 2

	First Quarter	Second Quarter	July	August	Total Year to date
	Barrels	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	6,897,567	10,186,268	4,311,258	4,668,267	26,063,360
16. Less: Received from other gathering systems	-	-	-	-	-
17. <u>Net Received (18+19)</u>	6,897,567	10,186,268	4,311,258	4,668,267	26,063,360
18. Originating on own gathering system	6,770,874	10,000,526	4,297,164	4,642,756	25,711,320
19. Received from other carriers	126,693	185,742	14,094	25,511	352,040
20. <u>Total Delivered (21+22+23)</u>	6,930,504	10,231,111	4,323,343	4,689,692	26,174,650
Less: Delivered to other pipe lines-					
21. Own trunk system	2,776,679	3,532,803	1,310,278	1,420,217	9,039,977
22. Other pipe lines	3,474,097	6,013,433	2,744,245	2,877,851	15,109,626
23. <u>Net Delivered (24+25)</u>	679,728	684,875	268,820	391,624	2,025,047
24. Terminated on gathering systems	61,623	96,755	27,712	111,104	297,194
25. Delivered to other carriers	618,105	588,120	241,108	280,520	1,727,853

TABLE 2

TABLE 3 OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		First Quarter	Second Quarter	July	August	Total Year to date
		Barrels	Barrels	Barrels	Barrels	Barrels
Alberta -	Gathering	6,897,567	10,186,268	4,311,258	4,668,267	26,063,360
	Trunk	188,038	363,990	183,900	221,435	957,363
Quebec (1) -	Trunk	10,185,502	11,421,002	3,894,885	3,852,389	29,353,778
Net received -	Trunk	10,373,540	11,784,992	4,078,785	4,073,824	30,311,141
	Total	17,271,107	21,971,260	8,390,043	8,742,091	56,374,501

(1) Receipts from foreign pipe lines at International Boundary, Highwater, Que.

TABLE 4 OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENTS TERMINATED OR WERE TRANSFERRED TO OTHER CARRIERS

Province		First Quarter	Second Quarter	July	August	Total Year to date
		Barrels	Barrels	Barrels	Barrels	Barrels
Alberta -	Gathering	679,728	684,875	268,820	391,624	2,025,047
	Trunk	2,448,715	2,423,399	1,034,398	1,252,629	7,159,141
Saskatchewan -	Trunk	2,348,539	2,248,445	943,243	883,598	6,423,825
Manitoba (2) -	Trunk	1,383,992	5,166,941	2,353,577	2,268,098	11,170,608
Quebec -	Trunk	10,200,459	11,363,033	3,898,597	3,832,835	29,294,924
Net Delivered-	Trunk	16,381,705	21,201,818	8,229,815	8,235,160	54,048,498
	Total	17,061,433	21,886,693	8,498,635	8,626,784	56,073,545
(2) Including deliveries to foreign pipe lines at International Boundary, Gretna, Man.		884,601	4,026,502	1,992,757	1,665,328	8,569,188

TABLE 5 OPERATING STATISTICS

Month 1951	Barrels Handled Daily Average		Total Barrel Miles (Trunk Lines)	Average Miles per Barrel (Trunk Lines)	Employees and Earnings		
	Gathering Systems	Trunk Lines			(5) Average Number	Total Earnings	Man Hours worked by Wage earners
	Barrels	Barrels	Millions	Miles		\$	Hours
January	83,974	205,342	1,155	181.4	481	147,013	31,718
February	81,715	209,234	930	158.8	490	146,564	27,935
March	65,783	184,665	907	158.4	490	149,688	31,029
April	67,967	225,434	1,391	205.7	513	153,394	30,167
May	128,540	288,010	2,358	264.1	532	178,051	33,465
June	140,248	293,110	2,389	271.7	531	170,670	34,384
July	139,463	300,858	2,641	283.2	563	176,304	33,803
August	151,281	312,108	2,582	266.8	558	184,463	39,024
First Quarter	77,006	199,431	2,992	166.7	487	443,265	90,682
Second Quarter	112,430	269,062	6,138	250.7	525	502,115	98,016
Eight Months	107,714	253,240	14,353	233.6	520	1,306,147	(4) 261,525

(3) Includes salaried employees.

(4) Includes 7,413 hours overtime.

TABLE 6

PIPE LINE STATISTICS, BY COMPANIES

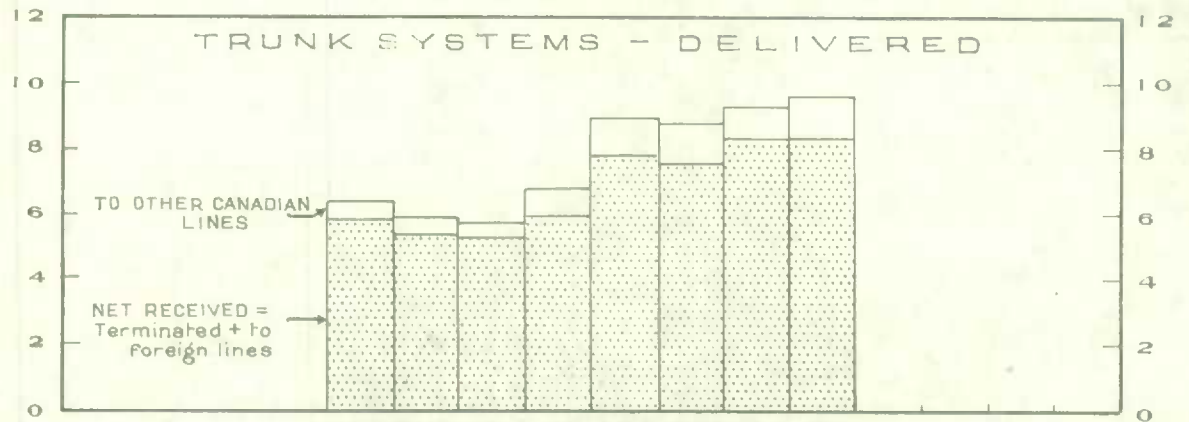
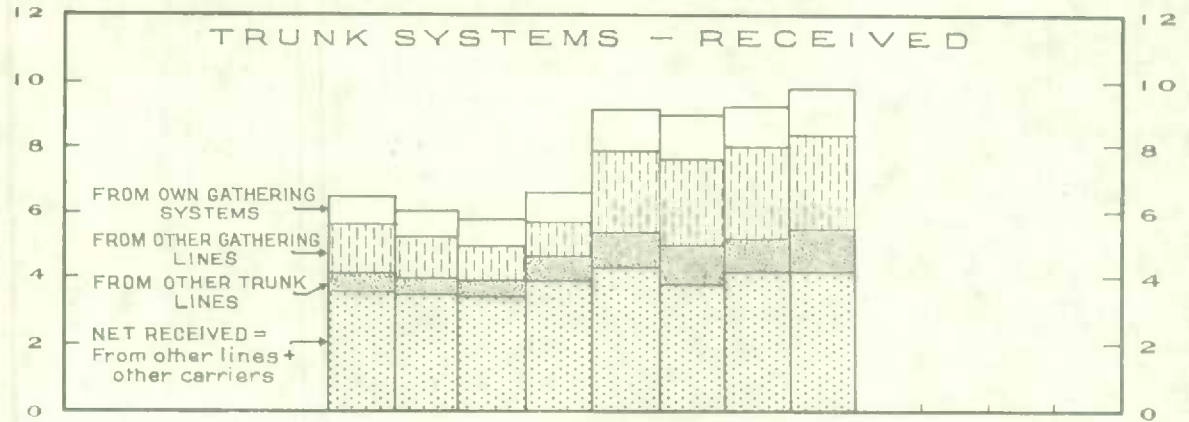
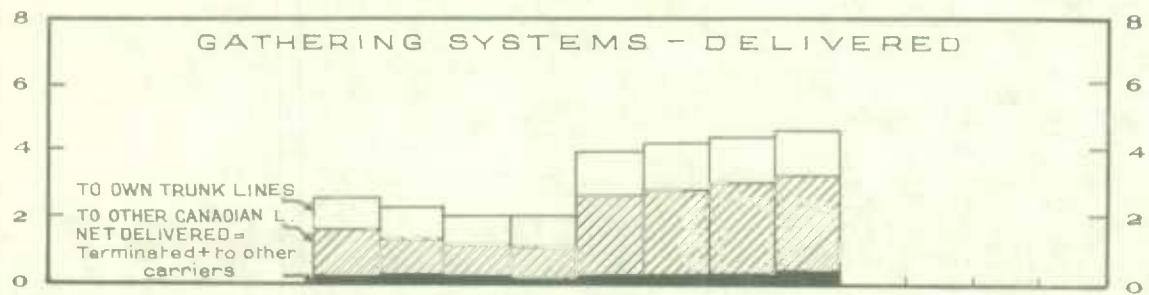
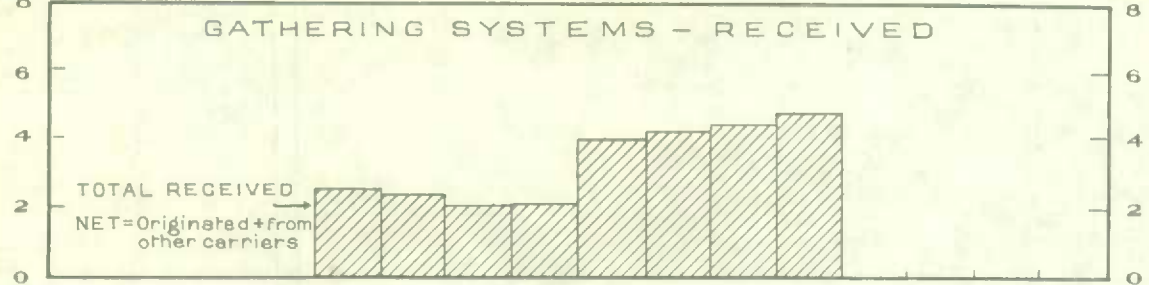
	Anglo- Canadian Oils, Ltd.	B.A.-Alberta Pipe Line Ltd.	B. A. Saskat- chewan Pipe Line, Ltd.	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Co. Ltd.	Valley Pipe Line Co. Ltd.	Winnipeg Pipe Line Co. Ltd.	Total
			<u>Barrels</u>						
<u>TRAFFIC</u>									
<u>Total Received into System-</u>									
This month (August, 1951)	74,509	489,610	224,519	4,162,016	3,475,341	3,852,389	258,076	527,418	13,043,878
This year (8 months)	515,057	2,573,022	1,534,513	22,453,551	18,532,626	29,353,778	2,014,150	2,085,106	79,041,603
<u>Total Delivered out of System-</u>									
This month (August, 1951)	74,509	478,545	216,282	4,179,936	3,384,072	3,832,835	252,407	526,261	12,944,847
This year (8 months)	515,057	2,628,161	1,515,540	22,451,596	18,030,592	29,294,924	2,047,931	2,086,363	78,570,164
<u>OPERATING STATISTICS</u>									
<u>Barrels Handled - Daily Average</u>									
<u>Gathering Lines-</u>									
This month (August, 1951)	-	15,437	-	127,694	-	-	8,150	-	151,281
This year (8 months)	-	10,815	-	88,454	-	-	8,445	-	107,714
<u>Trunk Lines-</u>									
This month (August, 1951)	2,403	-	6,977	45,968	109,164	123,640	6,980	16,976	312,108
This year (8 months)	2,120	-	6,237	33,610	74,200	120,555	7,514	9,004	253,240
<u>TOTAL BARREL MILES</u>			<u>Miles</u>						
(Trunk lines - in millions)									
This month (August, 1951)	1.20	-	5.00	23.95	2,224.00	282.10	6.95	38.32	2,581.52
This year (8 months)	7.80	-	33.00	137.14	11,808.00	2,157.66	58.66	150.53	14,352.79
<u>AVERAGE MILES PER BARREL</u>									
(Trunk Lines)									
This month (August, 1951)	15.00	-	22.06	16.79	657.00	73.60	32.10	72.81	266.8
This year (8 months)	15.00	-	22.06	16.78	654.00	73.65	32.10	72.05	233.6
<u>OPERATING REVENUES</u>			<u>Dollars</u>						
Three months ending March 31, 1951	7,675	54,058	13,612	495,530	1,309,104	340,097	103,402	39,710	2,363,188
Six months ending June 30, 1951	15,115	129,377	19,887	1,231,066	4,213,828	745,377	189,280	209,888	6,753,818
<u>EMPLOYEES AND EARNINGS</u>			<u>Number</u>						
Number of employees (August)	-	11	6	217	236	34	50	4	558
<u>Total Earnings-</u>			<u>Dollars</u>						
This month (August, 1951)	-	3,556	813	65,410	86,001	11,496	15,448	1,739	184,463
This year (8 months)	-	25,692	5,669	443,303	625,563	80,852	111,336	13,732	1,306,147
<u>Man Hours Worked by Wage Earners-</u>			<u>Hours</u>						
This month (August, 1951)	-	1,248	221	28,679	595	1,086	7,195	-	39,024
This year (8 months)	-	8,026	1,342	190,501	3,350	4,142	54,164	-	261,525

TABLE 6

OIL TRANSPORTED BY CANADIAN PIPE LINE SYSTEMS 1951

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BARRELS

MILLION
BARRELS



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