55 007

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

OCT 25 1957
Memorandum
PROPERTY OF THE

Vol. 7, No. 8

Price \$1.00 per year

del

PIPE LINES (OIL) STATISTICS

LUSIONICAL LINE

AUGUST, 1957

With all major companies showing declines, net deliveries from oil pipe lines in Canada dropped 5.5 p.c. during August to a total of 24,607,743 barrels from 26,036,-018 barrels in the previous month. Last year, in comparison, net deliveries rose 10.2 p.c. between July and August but the August 1956 total of 24,769,675 barrels was only slightly higher than the amount transported this year. The daily average delivery during August 1957 was 793,798 barrels, a decrease of 5,224 barrels from the 799,022 reported for August 1956. Barrel miles declined to 10,074 million from 10,100 million and the average length of haul to 281.3 miles from 303.4 miles one year previously.

Total net deliveries from both gathering and trunk lines for the eight months ended August 31, aggregated 201,712,472 barrels as compared with 177,922,271 in the same period last year, and 143,415,453 in 1955. Provincial deliveries were as follows (1956 data in brackets): British Columbia 43,440,542 barrels (28,305,809); Alberta 9,115,600 (13,077,540); Saskatchewan 11,999,034 (10,974,565); Manitoba 51,617,081 (46,376,095); Ontario 29,820,971 (28,448,376); and Quebec 55,719,244 (50,739,886). Exports via pipe line are shown in a footnote to table 4 and include all deliveries at dock for export. The Trans Mountain figure for August includes 92,338 barrels of oil destined to Japan.

Gathering systems handled an average of 458,112 barrels per day compared with 486,812 barrels in July and 460,743 barrels one year earlier. Trunk lines delivered 1,155,166 barrels daily in the current month, down 20,836 barrels from the previous month, but an increase of 81,361 barrels over August 1956.

During the month of August, net receipts totalled 25,264,897 barrels, a decrease of 1,057,718 barrels from the previous month and slightly below the August 1956 total of 25,315,644. Comprising August receipts were 11,412,277 barrels of Alberta crude and 42,-141 barrels of Alberta natural gasoline, 2,984,840 barrels of Saskatchewan crude, 538,-117 barrels of Manitoba crude, 6,892,479 barrels of imported crude and 3,395,043 barrels of refinery products.

Employment and wages decreased slightly in August with 1,792 employees earning \$836,162 as against 1,607 employees earning \$692,385 last year. The average monthly wage of \$467 compares with \$431 one year ago.

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, 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.

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

8504-508-87

EDMOND CLOUTER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

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.

Total Received into Systems - all companies -	Barrels
during first eight months of 1957, per table 6	335,371,907
Received into Trunk Lines from other Canadian Pipe Lines	127,283,182
"Net Received" into Canadian Pipe Line Systems	208,088,725
"Net Received" into Trunk Systems per table 1	92,436,632
"Net Received" into Gathering Systems per table 2	115,652,093
Total Delivered out of Systems - all companies -	
during first eight months of 1957, per table 6	334,416,565
Delivered to other Canadian Pipe Lines	132,704,093
"Net Delivered" from Canadian Pipe Line Systems	201,712,472
"Net Delivered" from Trunk Systems per table 1	200,250,612
"Net Delivered" from Gathering Systems per table 2	1,461,860

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 August and are given herewith:

OIL BALANCE - ALL COMPANIES - AUGUST, 1957

	Bar	rels
Total Shippers Balances - January 1, 1957 Total Carriers Balances - January 1, 1957	10,368,770	11,099,478
Received into Gathering Systems January 1 to August 31, 1957 Received into Trunk Systems January 1 to August 31, 1957	115,652,093 290,522,362	406,174,455
Total oil accountable for period	115,675,473 289,543,640	417,273,933
Balance to be accounted for at August 31, 1957	10,470,874 1,099,764	12,054,820 484,182 11,570,638

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:

	Interprovincial	Sun Pipe Line
Month	Pipe Line Company	Company
	Crude Oil	Crude and Refined 011
	Barrels	Barrels
August, 1956	3,691,393	700,723
July, 1957	3,297,114	505,775
August, 1957	3,456,113	520,218

OIL CARRIED BY PIPE LINES - TRUNK

		August 1 9 5 7	July 1 9 5 7	August 1 9 5 6	YEAR TO DATE
		Barrels	Barrels	Barrels	Barrels
1.	Total Received * (2+3+4+5) Less: Received from other Canadian pipe lines -	35,706,526	36,663,907	33,767,402	290,522,362
2.	Own Gathering System	8,761,800	9,288,353	8,022,395	70,802,548
3.	Other pipe lines - Gathering	4,736,930	4,852,770	3,708,687	36,622,416
4.	Trunk	11,081,013	11,337,930	11,052,178	90,660,766
5.	Net Received (6+7+8)	11,126,783	11,184,854	10,984,142	92,436,632
6.	Originating on own trunk lines	3,767,174	3,676,324	4,228,191	33,302,299
7.	Received from foreign pipe line connections	6,892,479	6,975,194	6,649,589	55,800,635
8.	Received from other carriers (rail & truck)	467,130	533,336	106,362	3,333,698
9.	Total Delivered * (10+11)	35,810,165	36,456,084	33,287,955	289,543,640
0.	Less: Delivered to other Canadian trunk lines	11,465,090	10,672,466	8,874,303	89,293,028
II.	Het Delivered (12+13+14)	24,345,075	25,783,618	24,413,652	200,250,612
2.	Terminated on own trunk lines	15,836,368	16,544,862	16,241,824	129,344,352
13.	Delivered to foreign pipe line connections	8,367,296	9,140,762	7,162,757	63,738,201
4.	Delivered to other carriers (truck, rail & water)	141,411	97,994	1,009,071	7,168,059

TABLE 2

OIL CARRIED BY PIPE LINES - CATHERING

		August 1 9 5 7	July ^x 1 9 5 7	August 1 9 5 6	YEAR TO DATE
		Barrels	Barrels	Barrels	Barrels
15.	Total Received (16+17)	14,138,114	15,137,761	14,331,502	115,652,093
16.	Less: Received from other gathering systems	99			V 1 1 1 1 1 1 1 1 1 1
17.	Het Received (18+19)	14,138,114	15,137,761	14,331,502	115,652,093
18.	Originating on own gathering system	14,003,896	14,987,378	13,745,907	113,635,136
19.	Received from other carriers (rail & truck)	134,218	150,383	585,595	2,016,957
20.	Total Delivered * (21+22+23)	14,201,481	15,091,174	14,283,058	115,675,473
	Less: Delivered to other pipe lines -				
21.	Own Trunk system	8,761,800	9,288,353	8,022,395	70,802,548
22.	Other pipe lines	5,177,013	5,550,421	5,904,640	43,411,065
23.	Net Delivered (24+25)	262,668	252,400	356,023	1,461,860
24.	Terminated on gathering systems	127,773	117,265	75,859	558,049
25.	Delivered to other carriers (rail & truck)	134,895	135,135	280,164	903,811

Includes natural gasoline and refinery products.
 Includes duplications.
 Includes natural gasoline.

x Revised.

Province		August 1 9 5 7	July ^x 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
Maria H		Barrels	Barrels	Barrels	Barrels
Alberta (1)	- Gathering	11,077,372	12,263,565	12,590,706	94,585,857
н	- Trunk	439,337	451,635	547,833	3,609,516
Saskatchewan	- Gathering	2,522,625	2,335,005	1,233,061	17,075,528
PŶ	- Trunk	462,215	513,896	38,841	3,173,613
Manitoba	- Gathering	538,117	539,191	507,735	3,990,708
10	- Trunk				
Ontario (2)	- Trunk	1,515,223	1,520,975	2,354,594	16,487,636
Quebec (3)	- Trunk	8,710,008	8,718,348	8,042,874	69,165,867
Net Received	- Gathering	14,138,114	15,137,761	14,331,502	115,652,093
19 19	- Trunk	11,126,783	11,184,854	10,984,142	92,436,632
80 09	- Total	25,264,897	26,322,615	25,315,644	208,088,725

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED OR WAS TRANSFERRED TO OTHER CARRIERS

Province		August 1 9 5 7	July 1 9 5 7	August 1 9 5 6	YEAR TO DATE 1 9 5 7
		Barrels	Barrels	Barrels	Barreis
British Columbi	a - Trenk	5,018,879	5,241,529	4,756,889	43,440,542
Alberta (1)	- Gathering	165,977	166,575	207,455	898,169
02	- Trunk	1,103,534	1,876,177	1,644,056	8,217,431
Saskatchewan	- Gathering	96,691	85,825	148,568	563,691
80	- Trunk	1,529,391	1,423,149	1,294,906	11,435,343
Manitoba 6	- Trunk	6,524,086	6,988,790	6,299,523	51,617,081
Ontario (2)	- Trunk	3,330,920	3,261,636	3,728,582	29,820,971
Quebec	- Trunk	6,838,265	6,992,337	6,689,696	55,719,244
Net Delivered	- Gathering	262,668	252,400	356,023	1,461,860
11 11	- Trunk /	24,345,075	25,783,618	24,413,652	200,250,612
12 19	- Total	24,607,743	26,036,018	24,759,675	201,712,472
28 17	- Daily average	793,798	839,872	799,022	830,092
Includes del	iveries to U.S. pipe lines, Gretna, Man.	5,699,179	6,226,698	5,394,496	44,658,278
	orts - Mountain Oil Pipe Line Company rovincial Pipe Line Company	2,788,956 1,718,444	3,000,176 1,598,330	2,758,234 1,135,575	26,099,496 14,030,060

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		August 1 9 5 7	July 1 9 5 7	August 1 9 5 6	1 9 5 7
Barrels Handled - Daily Average					
Gathering Systems	Barrels	458,112	486,812	460,743	476,031
Trunk Lines	(1)	1,155,166	1,176,002	1,073,805	1,191,537
Total Barrel Miles (Trunk Lines)	Millions	10,074	10,128 ^R	10,100	81,427
Average Miles Per Barrel (Trunk Lines)	Miles	281.3	277.8	303.4	281.2
Employees and Earnings (6)					
Average Number (4)	No.	1,792	1,834	1,607	13,851
Total Salaries and Wages	\$	836,162	849,643	692,385	6,300,758
Man-Hours Worked by Wage Earners (5) (6)	Hours	85,477	90,163	74,307	661,459

⁽¹⁾ Includes natural gasoline and some refinery products.

⁽¹⁾ Includes natural gasoline and some refinery products.
(2) Products of refineries.
(3) Includes some products.
(4) Includes salaried employees.
(5) Iucludes overtime.
(6) Excludes Amurex Oil Development Company, Anglo American Exploration Company, Ltd., Anglo-Canadian Oils, Ltd., Key Pipe Line Company, Ltd., Mid Saskatchewan Pipe Lines, Ltd., Mobil Oil of Canada, Ltd., Nisku Products Pipe Line Company, Ltd., Peace River Oil Pipe Line Company, Ltd., Sarnia Products Line and Valley Pipe Line Company, Ltd.

Revised.

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

August, 1957

	Imperial Pipe Line Co. Ltd.	Inter- provincial Pipe Line Co.	Montreal Pipe Line Co. Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*				Barrels			
Total Received into System							
This month August, 1957	3,665,569	8,934,284	6,892,479	5,023,159	3,361,189	(2)3,206,160	41,082,840
This year (8 months)	32,806,075	69,239,161	55,800,635	43,905,318	26,769,962	106,850,756	335,371,907
Total Delivered out of System						112	
This month August, 1957	3,703,037	9,022,696	6,838,265	5,018,879	3,366,442	13,300,527	41,249,846
This year (8 months)	32,827,842	69,085,442	55,719,244	43,440,542	26,630,413	(5) 106,713,082	334,416,565
OPERATING STATISTICS							
Barrels Handled - Daily Average							
Gathering Lines							
This month August, 1957	119,453	-		-	105,678	232,981	458,112
This year (8 months)	135,094	-		-	108,896	232,041	476,031
Trunk Lines							
This month August, 1957	Diam'r.	291,055	220,589	161,899	108,595	373,028	1,155,166
This year (8 months)	-	284,302	229,297	178,768	109,590	389,580	1,191,537
Total Barrel Miles				Miles			
(Trunk Lines - in millions)							
This month August, 1957	-	4,443	504	3,438	234	1,455	10,074
This year (8 months)		33,525	4,106	30,033	1,851	11,912	81,427
Average Miles Per Barrel							
(Trunk Lines)							
This month August, 1957	-	492.0	73.7	685.0	69.5	125.8	281.3
This year (8 months)	-	485.0	73.7	691.0	69.5	125.8	281.2
OPERATING REVENUES				Dollars			
Three Months ending Mar. 31, 1957	978,924	6,030,844	689,958	7,993,435	1,345,090	6,116,865	23,155,116
Six Months ending June 30, 1957	1,976,693	12,100,462	1,442,523	15,871,051	2,655,293	13,519,984	47,566,006
Nine Months ending Sept. 30,		HME					
Twelve Months ending Dec. 31,							
EMPLOYEES AND EARNINGS				Number			
Number of Employees August, 1957	1.77	441	57	301	221	(6) 595	1,792
Salaries and Wages				Dollars			
This month August, 1957	76,031	214,745	26,386	151,318	97,406	(6) 270,276	836,162
This year (8 months)	565,143	1,598,551	191,597	1,115,463	727,590	(6) 2,102,414	6,300,758
Man-Hours Worked by Wage Earners				Hours			
This month August, 1957	20,889	912	2,221	848	20,772	(6) 39,835	85,477
This year (8 months)	158,699	5,080	10,916	7,896	174,140	(6) 304,728	661,459

^{*} Totals include duplication between companies.

^{*} Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,395,043 bbls. products and 42,141 bbls. natural gasoline.

(3) Includes 30,380,264 bbls. products and 382,063 bbls. natural gasoline.

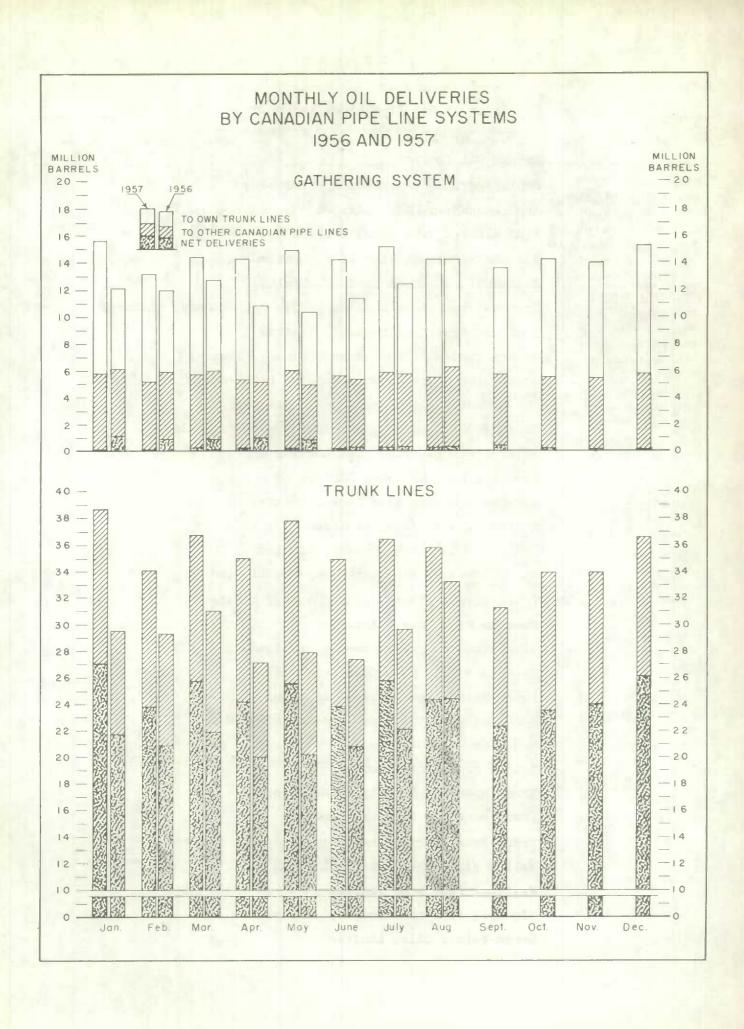
(4) Includes 3,388,101 bbls. products and 44,382 bbls. natural gasoline.

(5) Includes 30,295,130 bbls. products and 383,828 bbls. natural gasoline.

(6) Excludes Amurex 0il Development Company; Anglo American Exploration Company; Anglo-Canadian Oils, Limited; Imperial Oil-Sarnia Products Pipe Line Division; Key Pipe Line Co. Limited; Mid-Saskatchewan Pipe Lines Limited; Mobil Oil of Canada Limited; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Company and Valley Pipe Line Company Ltd.

(7) Excludes Amurex Oil Development Company; Anglo American Exploration Company; Green River Exploration Company; Mobil Oil of Canada Limited and Sarnia Products Line.

of Canada Limited and Sarnia Products Line.



List of Oil Pipe Lines Reporting

Amurex Oil Company Anglo American Exploration, Limited Anglo-Canadian Oils, Limited B.A. Alberta Pipe Line, Limited B.A. Saskatchewan Pipe Line, Limited Britamoil Pipe Line Company, Limited Cremona Pipe Lines Division (Home Oil Company, Limited) Edmonton Pipe Line Company, Limited Gibson Crude Oil Purchasing Company, Limited Green River Exploration Company, Limited The Imperial Pipe Line Company, Limited Imperial Oil Limited, Sarnia Products Pipe Line Interprovincial Pipe Line Company Key Pipe Line Company, Limited Mid-Saskatchewan Pipe Lines, Limited Mobil Oil of Canada, Limited Montreal Pipe Line Company, Limited Nisku Products Pipe Line Company, Limited Peace River Oil Pipe Line Company, Limited Pembina Pipe Line, Limited Rangeland Pipe Line Company, Limited Saskatoon Pipe Line Company, Limited South Saskatchewan Pipe Line, Company Sun-Canadian Pipe Line Company, Limited Sun Pipe Line Company Texaco Exploration Company Trans Mountain Oil Pipe Line Company Trans-Northern Pipe Line Company Trans-Prairie Pipelines, Limited Valley Pipe Line Company, Limited Westspur Pipe Line Company Winnipeg Pipe Line Company, Limited Devon-Palmer Oils, Limited

STATISTICS CAUALIA LIBRARY BIBLIOTHÉQUE STATISTIQUE CANADA 1010534407