



DOMINION BUREAU OF STATISTICS

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GAS PIPE LINE TRANSPORT

April, 1960

The first report in the monthly Gas Pipe Line Transport series encompassed January to June, 1959 inclusive. Monthly reports have been issued subsequently. The first annual Gas Pipe Line Transport report will be compiled for the year 1959 and will provide financial and property statistics as well as a summary of monthly operations. Previous years' data are not available for comparison.

Net deliveries of natural gas through Canadian pipe lines totalled 23,819,807 MCF in April, 1960, up 23.0 per cent above the April, 1959 total of 19,361,829. Mainly because of the seasonal decline in the deliveries to distribution systems, net deliveries decreased 18.9 per cent from the March total of 29,357,910 MCF. The daily average sendout was 793,994 MCF compared with 645,394 one year earlier and 947,029 in March.

For the four months ended April 30, net deliveries reached 109,654,604 MCF, 25.3 per cent greater than last year's total of 87,499,620. Correspondingly the daily average delivery increased to 906,236 MCF compared with 729,164.

In the January to April period deliveries to distribution systems increased 36.3 per cent to 70,618,591 MCF from 51,802,626, deliveries to industrial consumers and others, 21.6 per cent to 5,098,485 from 4,192,328 and exports to the United States 7.7 per cent to 33,937,528 from 31,504,666. During this period 49,324,104 MCF was delivered to Canadian transmission lines and 1,325,749 to storage, bringing total gross deliveries to 160,304,457 MCF.

The statistics included in this report refer to the operations of companies primarily engaged in transmission of natural gas and hence do not comprise the transmission operations of companies predominantly involved in the distribution of natural gas.

Sales of gas by distributing utilities are issued monthly in the report, "Sales of Manufactured and Natural Gas". An annual report of gas utilities engaged primarily in the distribution of gas will be issued in 1960 encompassing their total operations.

A "transmission" pipe line is defined as a pipe line constructed to carry natural gas at any stage between gas processing plants (residue gas) or field gate meter points (dry gas) and local distribution systems. Transmission pipe lines may receive gas directly from processing plants or field gate meter points or may receive gas from another transmission line or storage area. Also, transmission lines may deliver to other transmission lines or storage areas rather than directly to distribution systems.

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

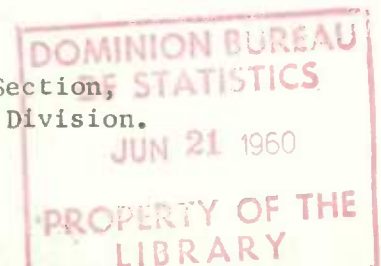


TABLE 1

NATURAL GAS TRANSMISSION BY COMPANY

April, 1960

MCF*

	Total	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>Natural gas received into system</u>							
From own gathering systems	9,447,808	757,001	-	-	31,392	166,515	42,299
From other gathering systems	15,143,517	-	9,569,544	1,463,741	-	-	-
From foreign transmission lines	735,185	-	-	-	-	-	-
Total net receipts (1)	25,326,510	xxx	xxx	xxx	xxx	xxx	xxx
From Canadian transmission lines	11,367,347	-	-	-	-	-	-
From storage	133,505	-	-	-	-	-	-
Total gross receipts	36,827,362	757,001	9,569,544	1,463,741	31,392	166,515	42,299
<u>Natural gas delivered out of system</u>							
To distribution systems	13,933,133	5,355	29,692	-	31,293	-	42,299
To foreign transmission lines	8,717,725	-	-	1,455,159	-	-	-
To industrial consumers	1,168,833	751,646	165	-	-	163,988	-
To others	116	-	-	116	-	-	-
Total net deliveries (1)	23,819,807	xxx	xxx	xxx	xxx	xxx	xxx
To Canadian transmission lines	11,367,347	-	9,537,498	-	-	-	-
To storage	1,325,749	-	-	-	-	-	-
Total gross deliveries	36,512,903	757,001	9,567,355	1,455,275	31,293	163,988	42,299
Pipeline fuel	316,507	-	1,142	-	386	2,153	-
Pipeline losses and metering differences	144,625	-	-40,437	9,381	-287	374	-
Line pack fluctuations	-146,673	-	41,484	-915	-	-	-
Total disposition of receipts	36,827,362	757,001	9,569,544	1,463,741	31,392	166,515	42,299

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

(1) Not applicable to individual companies.

NATURAL GAS TRANSMISSION BY COMPANY

April, 1960

MCF*

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
-	385,573	-	1,313,231	-	-	30,260	261,993	-	6,459,544
237,607	-	61,463	-	-	871,456	56,111	-	-	2,883,595
-	-	-	-	-	735,185	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	-	292,000	1,537,849	-	-	9,537,498	-
-	-	-	-	-	133,505	-	-	-	-
237,607	385,573	61,463	1,313,231	292,000	3,277,995	86,371	261,993	9,537,498	9,343,139
237,587	389,961	61,154	993,253	40,195	1,931,873	77,899	269,198	7,931,792	1,891,582
-	-	-	-	-	-	-	-	-	7,262,566
-	-	-	-	253,034	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx
-	-	-	292,000	-	-	-	-	1,537,849	-
-	-	-	-	-	1,325,749	-	-	-	-
237,587	389,961	61,154	1,285,253	293,229	3,257,622	77,899	269,198	9,469,641	9,154,148
-	-	-	-	-	14,160	-	-	148,554	150,112
-	-4,388	309	27,978	-1,229	6,213	8,472	-7,237	155,682	-10,206
20	-	-	-	-	-	-	32	-236,379	49,085
237,607	385,573	61,463	1,313,231	292,000	3,277,995	86,371	261,993	9,537,498	9,343,139

April, 1960

TABLE 2

OPERATING STATISTICS BY COMPANY

	Canada	Ajax Alberta Pipeline Ltd.	Alberta Gas Trunk Line Co. Ltd.	Canadian- Montana Pipe Line Co.	Cold Lake Pipe Line Co. Ltd.	Creta- eous Pipe- lines Ltd.	Grande Prairie Trans- mission Co. Ltd.
<u>MCF* Sendout - daily average</u>							
April, 1960	793,994	25,233	318,912	48,509	1,043	5,466	1,410
Year to date, 1960	906,236	27,738	355,299	52,204	1,408	4,990	2,640
April, 1959	645,394	23,884	184,612	49,470	885	3,330	1,462
Year to date, 1959	729,164	24,272	207,836	51,646	931	3,509	2,501
<u>MCF* Sendout on peak day of month</u>							
April, 1960	xxx	27,599	362,410	54,507	1,392	5,931	2,599
April, 1959	xxx	25,416	224,145	52,847	1,006	3,888	2,260
<u>Gross receipts - MCF*</u>							
April, 1960	36,827,362	757,001	9,569,544	1,463,741	31,392	166,515	42,299
Year to date, 1960	162,076,794	3,356,351	42,904,960	6,348,273	170,212	618,705	319,484
April, 1959	25,644,234	716,548	5,597,735	1,499,571	25,706	106,657	43,349
Year to date, 1959	115,099,534	2,912,645	25,134,424	6,262,995	109,357	440,374	300,173
<u>Gross deliveries - MCF*</u>							
April, 1960	36,512,903	757,001	9,567,355	1,455,275	31,293	163,988	42,299
Year to date, 1960	160,304,457	3,356,351	42,991,203	6,316,704	170,402	603,739	319,484
April, 1959	25,340,057	716,548	5,538,352	1,484,098	26,565	99,889	43,849
Year to date, 1959	113,824,026	2,912,646	24,940,389	6,197,550	111,760	421,112	300,173
<u>Operating revenues</u>							
1st quarter, 1960	\$ 26,577,147	79,233	1,352,975	758,129	50,079	23,081	94,569
2nd quarter, 1960	\$						
3rd quarter, 1960	\$						
4th quarter, 1960	\$						
Total to date	\$						
1st quarter, 1959	\$ 19,489,918	68,854	793,383	687,394	21,593	17,079	94,589
2nd quarter, 1959	\$ 15,787,756	64,169	646,978	541,331	17,560	15,126	54,429
3rd quarter, 1959	\$ 13,954,281	64,521	598,925	314,783	12,284	15,075	46,325
4th quarter, 1959	\$ 21,625,969	70,476	1,233,433	568,203	29,386	25,962	80,807
Total to date	\$ 70,857,924	268,020	3,272,719	2,111,711	80,823	73,242	276,150

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

April, 1960
OPERATING STATISTICS BY COMPANY

Mid-Continent Pipelines Ltd.	Mid-Western Industrial Pipelines Ltd.	Mid-Western Industrial Pipelines (Redwater) Ltd.	Mid-Western Industrial Pipelines (Wabamun) Ltd.	North Canadian Oils Ltd.	Ontario Natural Gas Storage and Pipelines Ltd.	Peace River Transmission Co. Ltd.	South Alberta Pipe Lines Ltd.	Trans-Canada Pipe Lines Ltd.	West-coast Transmission Co. Ltd.
7,920 17,129 3,092 6,557	12,999 11,227 7,491 6,572	2,038 3,259 2,008 2,920	42,842 41,645 32,164 33,938	9,774 11,557 7,272 9,032	(1) 64,396 119,336 (1) 62,775 110,571	2,597 4,067 3,116 4,573	8,973 10,416 10,788 11,070	315,655 343,820 183,787 206,718	305,139 307,137 260,724 263,934
15,120 4,269	14,082 10,208	2,991 2,966	46,051 41,510	10,920 8,595	125,221 89,502 ^r	3,591 4,306	10,607 12,942	352,518 210,407	338,943 276,905
237,607 2,072,682 92,777 786,749	385,573 1,340,137 218,132 775,607	61,463 390,816 60,270 348,506	1,313,231 5,098,133 962,941 4,087,778	292,000 1,382,532 218,299 1,079,891	3,277,995 15,775,493 2,185,357 13,658,456	86,371 504,002 93,476 548,756	261,993 1,231,421 322,925 1,319,786	9,537,498 42,696,347 5,525,714 25,214,816	9,343,139 37,867,246 7,974,277 32,119,221
237,587 2,072,656 92,777 786,749	389,961 1,358,498 224,724 788,652	61,154 394,324 60,238 350,395	1,285,253 5,039,093 964,920 4,072,591	293,229 1,398,387 218,167 1,083,837	3,257,622 15,765,416 2,117,461 13,502,796	77,899 492,066 93,476 548,756	269,198 1,260,277 323,655 1,328,462	9,469,641 41,602,277 5,513,614 24,806,160	9,154,148 37,163,580 7,821,724 31,671,998
918	19,875	11,042	55,654	434,132	4,538,655	83,468	70,185	12,137,695	6,867,457
349	13,906	12,282	57,571	372,649	3,647,890	93,400	64,793	7,376,707	6,167,479
180	15,657	9,295	48,108	265,946	2,209,187	54,351	53,539	6,351,180	5,440,720
296	12,688	11,026	44,827	262,337	1,600,890	45,751	53,355	5,985,343	4,885,855
756	21,802	10,482	60,734	410,542	3,195,623	75,441	66,239	9,875,698	5,900,385
1,581	64,053	43,085	211,240	1,311,474	10,653,590	268,943	237,926	29,588,928	22,394,439

^r Revised
(1) Calculation excludes deliveries to storage.

TABLE 3

NATURAL GAS TRANSMISSION BY MONTH

January to April, 1960

MCF*

	Year to date		January	February	March
	1960	1959			
<u>Natural gas received into system</u>					
From own gathering system	39,080,970	31,621,583	10,403,855	9,167,983	10,061,324
From other gathering systems	66,194,615	47,296,648	17,083,747	16,401,484	17,565,867
From foreign transmission lines	735,185	2,033,335	-	-	-
Total net receipts	106,010,770	80,951,566	27,487,602	25,569,467	27,627,191
From Canadian transmission lines	49,324,104	26,090,190	13,198,742	12,105,863	12,652,152
From storage	6,741,920	8,057,778	2,067,570	2,190,235	2,350,610
Total gross receipts	162,076,794	115,099,534	42,753,914	39,865,565	42,629,953
<u>Natural gas delivered out of system</u>					
To distribution systems	70,618,591	51,802,626	19,200,870	18,023,490	19,461,098
To foreign transmission lines	33,937,528	31,504,666	8,473,024	8,201,864	8,544,915
To industrial consumers	5,097,852	4,191,589	1,310,045	1,267,283	1,351,691
To others	633	739	165	146	206
Total net deliveries	109,654,604	87,499,620	28,984,104	27,492,783	29,357,910
To Canadian transmission lines	49,324,104	26,090,190	13,198,742	12,105,863	12,652,152
To storage	1,325,749	234,216	-	-	-
Total gross deliveries	160,304,457	113,824,026	42,182,846	39,598,646	42,010,062
<u>Pipeline fuel</u>					
Pipeline fuel	1,432,852	877,973	381,591	360,440	374,314
<u>Pipeline losses and metering differences</u>					
Pipeline losses and metering differences	501,505	644,992	172,271	58,573	126,036
<u>Line pack fluctuations</u>					
Line pack fluctuations	-162,020	-267,457	17,206	-152,094	119,541
Total disposition of receipts	162,076,794	115,099,534	42,753,914	39,865,565	42,629,953

* Thousand cubic feet at 14.73 pounds per square inch absolute, 60° F. and 1,000 B.T.U.

NATURAL GAS TRANSMISSION BY MONTH
January to April, 1960
MCF*

April	May	June	July	August	September	October	November	December
9,447,808								
15,143,517								
735,185								
25,326,510								
11,367,347								
133,505								
36,827,362								
13,933,133								
8,717,725								
1,168,833								
116								
23,819,807								
11,367,347								
1,325,749								
36,512,903								
316,507								
144,625								
-146,673								
36,827,362								

NET DELIVERIES OF NATURAL GAS BY TRANSMISSION LINES 1959 — 1960

