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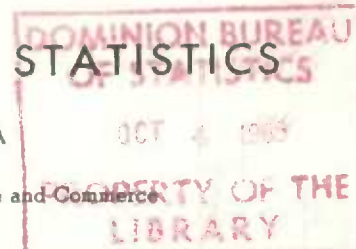
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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

MAY 1965

The production of crude petroleum and equivalent hydrocarbon during May 1965 amounted to 24,474,032 barrels (789,485 barrels/day), a decrease of 1.8 per cent or 14,251 barrels per day from May 1964. The May production figures for all petroleum liquids for the two years are as follows:

	May 1965		May 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	22.4	722,581	22.9	738,710
Pentanes plus .....	2.1	67,742	2.0	64,516
Propanes and butanes .....	1.3	41,935	1.0	32,258
Totals .....	25.8	832,258	25.9	835,484

The disposition of the May 1965 production was 16.2 million barrels (66.1 per cent) to Canadian refineries, 8.4 million barrels (34.3 per cent) was exported. The difference of - 0.4 per cent between supply and sales is accounted for by line losses and adjustments. Imported crude petroleum for this same period amounted to 12.9 million barrels (416,129 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbon production to 37.4 million barrels (1,206,452 barrels/day).

Natural gas production increased 12.9 per cent to 114,884,732 Mcf. from 101,756,884 Mcf. in May 1964. Of the total production of 114.9 million Mcf., 26.1 million was net deliveries to storage and injection operations, 19.4 million was used, lost or unaccounted for in fields and processing plants, 31.1 million was exported, 18.4 million was sold to ultimate customers in the prairies, 14.4 million in Ontario, 3.6 million in British Columbia and 1.9 million in Quebec.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.f.a. at 60°F.

Industry Division

September 1965  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
	barrels of 35 Canadian gallons							
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May .....	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,228
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total May 1965 .....	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032
Total year to date .....	1,536	522,495	1,971,067	35,021,755	88,598,955	5,538,605	248,067	131,902,480
Total May 1964 .....	-	111,712	346,715	6,719,309	16,624,359	1,089,279	24,278	24,915,821

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, May 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<b>New supply</b>										
Domestic production:										
Crude oil .....	310	114,823	416,316	7,243,155	13,440,644	1,086,288	26,349	22,327,885	...	22,327,885
Condensate .....	-	-	-	-	46,320	2,023	-	48,343	...	48,343
Pentanes plus .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804	...	2,097,804
Total crude oil and equivalent	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032	...	24,474,032
Imports .....	...	...	...	...	...	...	...	...	12,899,984	12,899,984
Total new supply .....	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032	12,899,984	37,374,016
<b>Disposition</b>										
Deliveries to refineries:										
Atlantic Provinces .....	310	-	-	-	-	-	-	310	3,074,203	3,074,513
Quebec .....	-	-	-	-	-	-	-	-	9,632,718	9,632,718
Ontario .....	-	114,823	324,628	4,271,453	4,167,106	-	-	8,878,010	193,383	9,071,393
Manitoba .....	-	-	102,053	736,790	361,058	-	-	1,199,901	-	1,199,901
Saskatchewan .....	-	-	-	371,053	1,153,225	-	-	1,524,278	-	1,524,278
Alberta .....	-	-	-	10,864	2,625,766	-	-	2,636,630	-	2,636,630
British Columbia .....	-	-	-	-	887,752	1,070,229	-	1,957,981	-	1,957,981
Northwest Territories .....	-	-	-	-	-	-	37,562	37,562	-	37,562
Totals .....	310	114,823	426,681	5,390,160	9,194,907	1,070,229	37,562	16,234,672	12,900,304	29,134,976
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,259,745	194,107	-	4,453,852	-	4,453,852
East of Rocky Mountains .....	-	-	-	-	373,687	-	-	373,687	-	373,687
Great Lakes Area .....	-	-	-	1,711,036	1,876,916	-	-	3,587,952	-	3,587,952
Totals .....	-	-	-	1,711,036	6,510,348	194,107	-	8,415,491	-	8,415,491
Deliveries to other purchasers ..	-	-	-	571	7,985	-	-	8,556	-	8,556
Inventories:										
Opening - Field and plant .....	-	-	86,933	484,756	886,003	66,130 <sup>F</sup>	68,700	1,592,522	-	1,592,522
Transporters' .....	-	-	13,261	4,913,969	16,014,464	1,172,866	-	22,114,560	197,405	22,311,965
Closing - Field and plant .....	-	-	89,443	474,340	979,566	73,242	57,487	1,674,078	-	1,674,078
Transporters' .....	-	-	14,615	4,992,880	15,806,209	1,100,675	-	21,914,379	196,728	22,111,107
Net change .....	-	-	3,864	68,495	- 114,692	- 65,079	- 11,213	- 118,625	- 677	- 119,302
Pipeline fuel .....	-	-	-	-	24,454	-	-	24,454	-	24,454
Field and plant use .....	-	-	-	290	10,681	616	-	11,587	-	11,587
Losses and adjustments .....	-	-	- 14,229	93,490	- 144,265	- 37,099	-	- 102,103	357	- 101,746
Total disposition .....	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032	12,899,984	37,374,016

... Figures not appropriate or not applicable.

<sup>F</sup> Revised figure.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1965

No.		New Brunswick	Ontario	Saskatchewan
			Mcf.	
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	7,259	994,208	4,814,399
2	Less field flared and waste .....	-	-	1,392,688
3	Net new production (1 - 2) .....	7,259	994,208	3,421,711
	<u>Disposition</u>			
4	Field disposition and uses .....	163	-	143,428
5	Gathering system disposition and uses .....	-	-	48,889
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	163,212
6b	Other disposition and uses .....	-	-	137,810
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	198,709
9	Adjustment .....	-	-	- 4,506
10	Deliveries of marketable gas .....	7,096	994,208	2,734,169
11	Total disposition .....	7,259	994,208	3,421,711
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,797,188
12b	Fields .....	7,096	994,208	936,981
13	Total (12a + 12b) .....	7,096	994,208	2,734,169
14	Receipts from distributor storage .....	-	7,171	-
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	7,096	1,001,379	2,734,169
	<u>Disposition</u>			
	<u>Sales:</u>			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,871,225
20	Manitoba .....	-	-	381,944
21	Ontario .....	-	1,366,934	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,594	-	-
24	Total sales (17 to 23 inclusive) .....	4,594	1,366,934	3,253,169
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	631,806
28	Pipeline line pack fluctuation .....	-	-	- 8,726
29	Pipeline fuel .....	-	80,145	57,661
30	Pipeline losses etc. ....	2,502	- 445,700	- 1,199,741
31	Total disposition of marketable gas (24 to 30 inclusive) .....	7,096	1,001,379	2,734,169

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE J. Supply and Disposition of Natural Gas by Source, Canada, May 1965

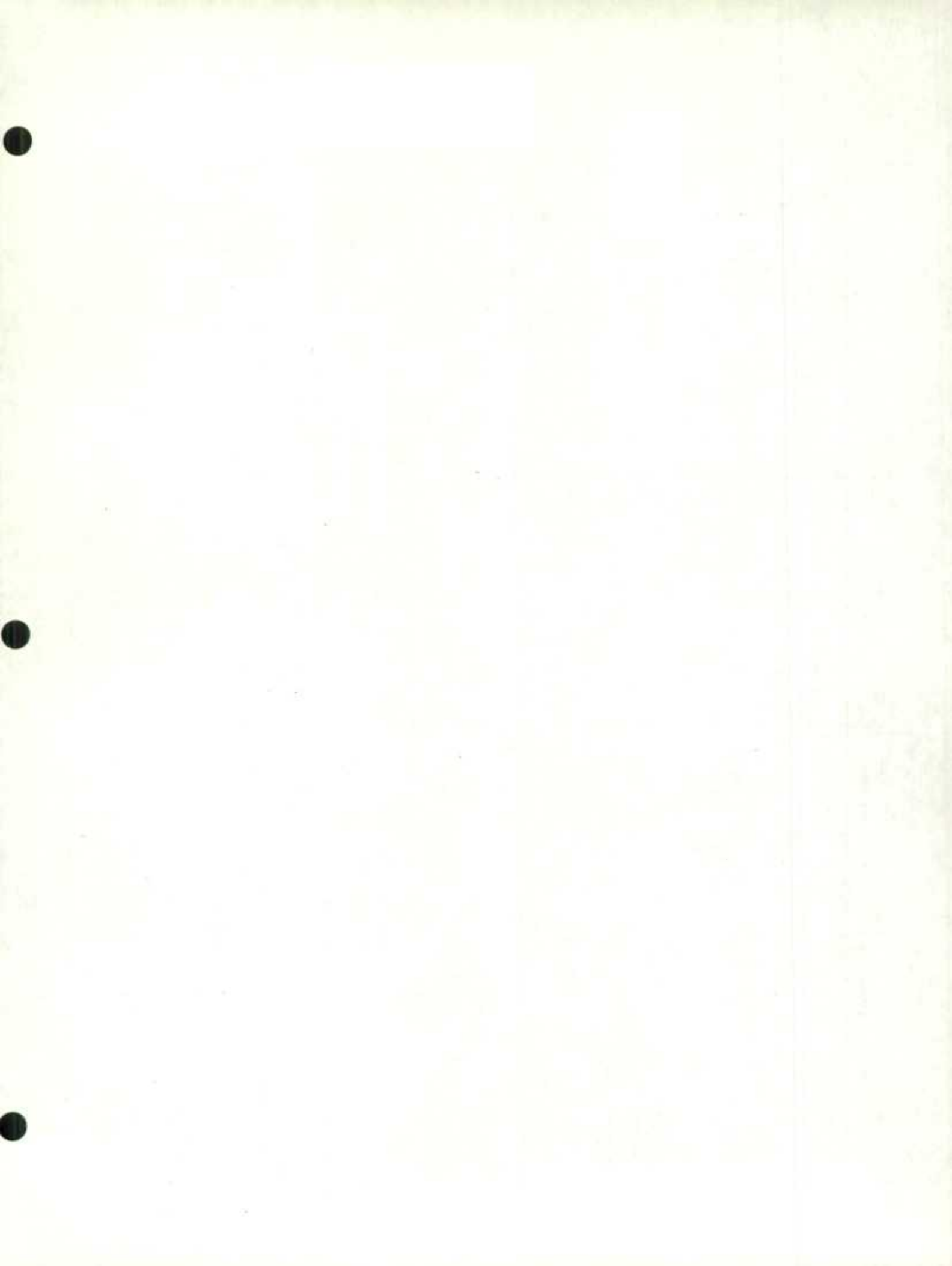
Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
102,949,391	12,286,490	29,505	121,081,252	-	121,081,252	1
4,249,484	528,389	25,959	6,196,520	-	6,196,520	2
98,699,907	11,758,101	3,546	114,884,732	-	114,884,732	3
829,900	244,768	-	1,218,259	-	1,218,259	4
12,183	-	-	61,072	-	61,072	5
8,600,139	474,202	-	9,237,553	-	9,237,553	6a
3,993,730	604,429	-	4,735,969	-	4,735,969	6b
17,401,158	424,764	-	17,825,922	-	17,825,922	7a
106,236	-	-	106,236	-	106,236	7b
17,294,922	424,764	-	17,719,686	-	17,719,686	7c
88,500	-	3,546	290,755	-	290,755	8
3,653,279	215,896	-	3,864,669	-	3,864,669	9
64,227,254	9,794,042	-	77,756,769	-	77,756,769	10
98,699,907	11,758,101	3,546	114,884,732	-	114,884,732	11
51,885,847	9,445,063	-	63,128,098	-	63,128,098	12a
12,341,407	348,979	-	14,628,671	-	14,628,671	12b
64,227,254	9,794,042	-	77,756,769	-	77,756,769	13
35,320	-	-	42,491	-	42,491	14
3,291	-	-	3,291	-	3,291	15
64,265,865	9,794,042	-	77,802,551	1,644,387	79,446,938	16
773,692	2,803,317	-	3,577,009	-	3,577,009	17
11,561,646	-	-	11,561,646	5,586	11,567,232	18
2,065,257	-	-	4,936,482	-	4,936,482	19
1,527,746	-	-	1,909,690	-	1,909,690	20
13,082,653	-	-	14,449,587	1,638,801	16,088,388	21
1,907,580	-	-	1,907,580	-	1,907,580	22
-	-	-	4,594	-	4,594	23
30,918,574	2,803,317	-	38,346,588	1,644,387	39,990,975	24
24,490,122	6,654,009	-	31,144,131	-	31,144,131	25
165,231	-	-	165,231	-	165,231	26
7,837,844	-	-	8,469,650	-	8,469,650	27
- 265,801	98,415	-	- 176,112	-	- 176,112	28
3,382,831	158,904	-	3,679,541	-	3,679,541	29
- 2,262,936	79,397	-	- 3,826,478	-	- 3,826,478	30
64,265,865	9,794,042	-	77,802,551	1,644,387	79,446,938	31

TABLE 4. Production of Natural Gas by Month, by Province, 1965

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	11,708	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,888
February .....	12,080	1,296,058	3,570,110	104,242,991	13,623,628	6,120	122,750,987
March .....	11,901	1,439,703	4,006,656	112,583,159	14,552,403	5,329	132,599,151
April .....	9,037	1,225,190	3,756,465	99,466,938	12,643,663	6,063	117,107,356
May .....	7,259	994,208	3,421,711	98,699,907	11,758,101	3,546	114,884,732
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	51,985	6,425,354	18,700,048	531,869,128	67,977,062	25,537	625,049,114
Total May 1964 .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1965

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons								
January .....	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
February .....	49,686	748,340	30,206	828,232	24,216	506,391	37,863	568,470
March .....	58,700	808,050	30,333	897,083	28,285	533,559	38,343	600,187
April .....	53,881	759,170	25,443	838,494	25,409	485,743	35,351	546,503
May .....	57,499	662,601	24,890	744,990	28,074	445,501	35,722	509,297
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	274,495	3,785,626	150,135	4,210,256	133,112	2,530,667	189,041	2,852,820
Total May 1964 .....	54,659	528,123	10,585	593,367	30,851	373,208	30,280	434,339



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