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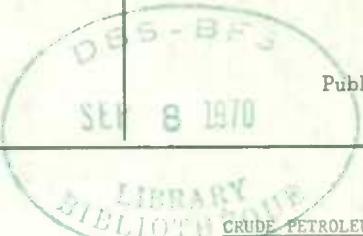
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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

DECEMBER 1969

For the twelve-month period, January to December 1969, crude petroleum and equivalent hydrocarbons production totalled 448,715,064 barrels compared with 411,827,250 barrels in 1968, an increase of 9.0 per cent.

Production of crude petroleum and equivalent hydrocarbons during December 1969 amounted to 42,537,391 barrels or 1,372,174 barrels per day, an increase of 12.9 per cent or 156,537 barrels per day from December 1968. The production figures for all petroleum liquids for the two years is as follows:

	December 1968		December 1969		Year 1968(1)		Year 1969	
	millions of barrels	barrels per day						
Crude petroleum and condensates	34.6	1,117,070	39.1	1,262,778	379.5	1,036,862	411.0	1,125,978
Pentanes plus	3.1	98,567	3.4	109,396	32.3	88,349	37.7	103,378
Propane and butanes	2.5	80,121	2.9	93,786	26.3	71,796	28.9	79,185
Totals	40.2	1,295,758	45.4	1,465,260	438.1	1,197,007	477.6	1,308,541

(1) 1968 leap year 366 days.

The disposition of crude oil and equivalent for December 1969 was 22.3 million barrels (52.4 per cent) to Canadian refineries and 20.0 million barrels (47.0 per cent) was exported. The 0.6 per cent difference between supply and sales is accounted for by inventory change, industry own use, etc. Imported crude petroleum for the same period amounted to 16.2 million barrels (524,065 barrels per day).

Natural gas production for the period January to December 1969 increased 14.9 per cent to 2,202,838,099 Mcf. from 1,916,422,168 Mcf. in 1968.

The December production of natural gas totalled 220,327,438 Mcf. 11.9 per cent more than December 1968. The disposition of natural gas for December 1969 is as follows: 7.0 million Mcf. was net deliveries to storage and injection operations; 34.8 million was used, and accounted for in fields and processing plants; 66.7 million was exported; 37.3 million was sold to ultimate customers in the prairies; 39.3 million in Ontario; 9.2 million in British Columbia and 4.9 million in Quebec. The remaining difference of 21.1 million Mcf. between production and disposition was accounted for by other deliveries, pipe line fuel, losses and line pack fluctuations.

Table 1 includes production of petroleum and equivalent hydrocarbons, propane and butanes. Pentanes plus represent the crude oil equivalent production at gas processing plants.

Table 2 shows Supply and Disposition of Crude Oil and Equivalent by Source. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products", catalogue number 45-004, 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 pipe line are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipe line are given in another companion report "Oil Pipe Line 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; but processing plant flared and waste gas are included and constitute a disposition end use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas.

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

Sulphur volumes are expressed in short tons measured at 2,000 pounds.

Manufacturing and Primary Industries Division

September 1970
6503-515

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TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province December 1969

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January	588	95,432	523,232	7,611,116	23,148,220	1,968,010	81,957	33,428,555
February	594	92,655	470,199	6,857,620	22,013,576	1,785,402	56,489	31,276,535
March	664	100,374	519,698	7,402,914	26,341,981	2,138,855	61,915	36,566,401
April	657	105,615	496,065	6,780,269	21,636,178	2,054,854	36,238	31,109,876
May	821	107,667	519,808	7,208,696	20,028,866	2,123,481	28,900	30,018,239
June	825	106,204	509,338	7,501,701	22,523,377	1,970,603	85,004	32,697,052
July	794	103,210	528,100	7,683,268	24,650,479	2,291,588	95,016	35,352,455
August	798	95,753	533,824	7,751,049	25,561,200	2,239,805	101,517	36,283,946
September	799	88,840	510,274	7,141,552	24,527,158	2,199,947	100,478	34,569,048
October	1,039	91,281	532,263	7,082,602	24,800,922	2,216,793	63,453	34,788,353
November	757	86,062	516,690	6,849,507	26,094,417	2,164,261	33,722	35,745,416
December	840	88,518	545,160	7,536,044	28,685,328	2,233,584	56,652	39,146,126
<u>Pentanes plus</u>								
January	-	-	-	30,142	3,039,460	82,125	-	3,151,727
February	-	-	-	22,600	2,857,601	78,341	-	2,958,542
March	-	-	-	25,957	3,305,053	82,822	-	3,413,832
April	-	-	-	26,533	3,165,833	72,002	-	3,264,368
May	-	-	-	28,518	2,978,774	72,903	-	3,080,195
June	-	-	-	32,550	2,714,460	56,882	-	2,803,892
July	-	-	-	29,006	3,004,441	54,839	-	3,088,286
August	-	-	-	34,039	2,795,903	70,397	-	2,900,339
September	-	-	-	37,303	2,911,806	85,071	-	3,034,180
October	-	-	-	37,816	3,154,533	99,749	-	3,292,098
November	-	-	-	35,701	3,227,879	90,758	-	3,354,338
December	-	-	-	36,704	3,256,339	98,222	-	3,391,265
<u>Propane</u>								
January	-	-	-	72,784	1,439,826	41,529	-	1,554,139
February	-	-	-	60,097	1,250,671	38,395	-	1,349,163
March	-	-	-	70,277	1,479,787	25,709	-	1,575,773
April	-	-	-	68,386	1,398,561	4,639	-	1,471,586
May	-	-	-	62,972	1,282,698	3,845	-	1,349,515
June	-	-	-	77,390	1,088,724	4,909	-	1,171,023
July	-	-	-	77,404	1,313,023	634	-	1,391,061
August	-	-	-	69,944	1,360,298	10,468	-	1,440,710
September	-	-	-	71,417	1,355,293	24,786	-	1,451,496
October	-	-	-	75,528	1,527,522	34,886	-	1,637,936
November	-	-	-	73,879	1,483,976	24,014	-	1,581,869
December	-	-	-	74,596	1,635,801	33,027	-	1,743,424
<u>Butanes</u>								
January	-	-	-	29,834	914,156	49,485	-	993,475
February	-	-	-	24,846	772,015	48,456	-	845,317
March	-	-	-	26,901	862,395	33,972	-	923,268
April	-	-	-	27,347	802,868	26,732	-	856,947
May	-	-	-	25,008	747,363	26,598	-	798,969
June	-	-	-	29,383	654,714	24,280	-	708,377
July	-	-	-	31,363	816,540	20,472	-	868,375
August	-	-	-	31,261	792,174	28,526	-	851,961
September	-	-	-	30,663	862,036	35,415	-	928,114
October	-	-	-	31,914	1,039,213	46,412	-	1,117,539
November	-	-	-	28,683	1,059,238	40,471	-	1,128,392
December	-	-	-	30,554	1,096,676	36,721	-	1,163,951
Total December 1969	840	88,518	545,160	7,677,898	34,674,144	2,401,554	56,652	45,444,766
Total year to date	9,176	1,161,611	6,204,651	88,985,638	353,459,352	26,995,675	801,341	477,617,444
Total December 1968	604	92,597	533,838	7,951,852	29,324,655	2,200,126	64,808	40,168,480

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, December 1969

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>Supply</u>										
<u>Domestic production</u>										
Crude oil	840	88,518	545,160	7,536,044	28,515,004 631,015	2,226,688	75,107	38,987,361 631,015	...	38,987,361 631,015
Synthetic crude oil	-	-	-	-	520,788	-	18,455	539,243	...	539,243
Less returned to formation	-	-	-	-	-	-	-	-	-	-
Totals	840	88,518	545,160	7,536,044	28,625,231	2,226,688	56,652	39,079,133	...	39,079,133
Condensate	-	-	-	-	60,097	6,896	-	66,993	...	66,993
Pentanes plus	-	-	-	36,704	3,256,339	98,222	-	3,391,265	...	3,391,265
Net withdrawals	840	88,518	545,160	7,572,748	31,941,667	2,331,806	56,652	42,537,391	...	42,537,391
Imports .....	...	...	...	...	...	...	...	...	16,246,007	16,246,007
Total supply	840	88,518	545,160	7,572,748	31,941,667	2,331,806	56,652	42,537,391	16,246,007	58,783,398
<u>Disposition</u>										
<u>Deliveries to refineries</u>										
Atlantic Provinces	-	-	-	-	-	-	-	-	3,070,885	3,070,885
Quebec	-	-	-	-	-	-	-	-	13,171,211	13,171,211
Ontario	-	88,518	232,398	4,102,239	7,147,500	-	-	11,570,655	-	11,570,655
Manitoba	-	-	16,983	705,365	645,147	-	-	1,367,495	-	1,367,495
Saskatchewan	-	-	-	195,722	1,947,555	-	-	2,143,277	-	2,143,277
Alberta	-	-	-	-	3,407,948	-	-	3,407,948	-	3,407,948
British Columbia	-	-	-	-	1,737,271	1,989,767	-	3,727,038	-	3,727,038
Northwest Territories	-	-	-	-	-	-	49,836	49,836	-	49,836
Totals	-	88,518	249,381	5,003,326	14,885,421	1,989,767	49,836	22,266,249	16,242,096	38,508,345
<u>Exports to U.S.A.</u>										
Petroleum Administration										
District I	-	-	-	127,684	2,463,572	-	-	2,591,256	-	2,591,256
II	-	-	313,524	2,202,484	6,311,357	-	-	8,827,365	-	8,827,365
IV	-	-	-	-	1,386,522	-	-	1,386,522	-	1,386,522
V	-	-	-	-	6,692,363	484,471	-	7,176,834	-	7,176,834
Totals	-	-	313,524	2,330,168	16,853,814	484,471	-	19,981,977	-	19,981,977
<u>Inventories</u>										
Opening - Field and plant	1,617	-	69,684	393,516	1,634,423	- 41,000	102,602	2,160,842	-	2,160,842
Transporters'	-	-	31,035	5,042,269	29,041,945	1,200,399	-	35,315,648	359,835	35,675,483
Closing - Field and plant	1,697	-	63,596	442,963	1,694,867	71,994	109,418	2,384,535	-	2,384,535
Transporters'	-	-	16,481	5,298,904	28,908,805	1,142,435	-	35,366,625	359,835	35,726,460
Net change	80	-	- 20,642	306,082	- 72,696	55,030	6,816	274,670	-	274,670
Deliveries to other purchasers	760	-	-	-	12,457	600	-	13,817	-	13,817
Pipeline fuel	-	-	-	-	15,485	-	-	15,485	-	15,485
Field and plant use	-	-	-	17,180	50,455	-	-	67,635	-	67,635
Losses and adjustments	-	-	2,897	- 84,008	196,731	- 198,062	-	- 82,442	3,911	- 78,531
Total disposition	840	88,518	545,160	7,572,748	31,941,667	2,331,806	56,652	42,537,391	16,246,007	58,783,398

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan
Mcf.					
<u>A. FIELD AND PROCESSING PLANTS</u>					
	<u>Supply</u>				
1	Gross new production	10,236	15,326	1,151,834	7,292,063
2	Less field flared and waste	-	-	-	1,049,060
3	Net new production (1 - 2)	10,236	15,326	1,151,834	6,243,003
4	Reproduced	-	-	-	-
5	Less injected and stored	-	-	-	863
6	Net withdrawals	10,236	15,326	1,151,834	6,242,140
	<u>Disposition</u>				
7	Field disposition and uses	190	-	-	305,649
8	Gathering system disposition and uses	-	-	-	39,652
9	Processing plant disposition and uses:				
9a	Processing shrinkage	-	-	-	199,318
9b	Other disposition and uses	-	-	-	195,743
10	Other uses	-	-	-	16,299
11	Adjustment	-	-	-	12,197
12	Deliveries of marketable gas	10,046	15,326	1,151,834	5,473,282
13	Total disposition	10,236	15,326	1,151,834	6,242,140
<u>B. GAS UTILITIES</u>					
	<u>Supply</u>				
14	<u>Receipts of marketable gas</u>				
14a	Plants	-	-	-	2,206,660
14b	Fields	10,046	15,326	1,151,834	3,188,822
15	Total (14a + 14b)	10,046	15,326	1,151,834	5,473,282
16	Receipts from distributor storage	-	-	10,409,531	536,099
17	Imports	-	-	-	-
17a	Other receipts(1)	-	-	980	-
18	Total supply of marketable gas (15 + 16 + 17 + 17a)	10,046	15,326	11,562,345	6,009,381
	<u>Disposition</u>				
	<u>Sales</u>				
19	British Columbia	-	-	-	-
20	Alberta	-	-	-	-
21	Saskatchewan	-	-	-	2,626,243
22	Manitoba	-	-	-	-
23	Ontario	-	-	10,808,612	-
24	Quebec	-	15,326	-	-
25	New Brunswick	5,056	-	-	-
26	Total sales (19 to 25 inclusive)	5,056	15,326	10,808,612	2,626,243
27	Exports	-	-	-	-
28	Other deliveries(2)	-	-	-	-
29	Delivered to distributor storage	-	-	-	97,205
30	Pipeline line pack fluctuation	-	-	-	94,427
31	Pipeline fuel	-	-	50,681	1,555,389
32	Pipeline losses etc.	4,990	-	703,052	1,824,971
33	Total disposition of marketable gas (26 to 32 inclusive)	10,046	15,326	11,562,345	6,009,381

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

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

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1969

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
187,331,204 5,241,509	32,002,233 1,189,880	63,705 58,714	227,866,601 7,539,163	...	227,866,601 7,539,163	1 2
182,089,695	30,812,353	4,991	220,327,438	...	220,327,438	3
17,436,306	737,981	-	18,175,150	...	18,175,150	4 5
164,653,389	30,074,372	4,991	202,152,288	...	202,152,288	6
Mcf.						
905,617 589,369	1,179,739 -	-	2,391,195 629,021	...	2,391,195 629,021	7 8
21,746,310 7,651,116 73,219 - 2,173,964 135,861,722	622,640 3,330,665 - 91,925 24,849,403	- - 4,991 - -	22,568,268 11,177,524 94,509 - 2,069,842 167,361,613	...	22,568,268 11,177,524 94,509 - 2,069,842 167,361,613	9a 9b 10 11 12
164,653,389	30,074,372	4,991	202,152,288	...	202,152,288	13
Mcf.						
111,799,368 34,762,334	24,376,942 472,461	-	138,382,970 28,978,643	...	138,382,970 28,978,643	14a 14b
135,861,722	24,849,403	-	167,361,613	...	167,361,613	15
382,684 - 93,006	- 81	-	11,328,314 - 94,067	1,660,654 - -	11,328,314 1,660,654 94,067	16 17 17a
136,337,412	24,849,484	-	178,783,994	1,660,654	180,444,648	18
Mcf.						
1,166,343 24,306,565 5,037,789 5,304,877 28,491,814 4,901,707 -	8,011,490 - - - - - -	-	9,177,833 24,306,565 7,664,032 5,304,877 39,300,426 4,917,033 5,056	13,337 - - - 1,647,229 - -	9,177,833 24,319,902 7,664,032 5,304,877 40,947,655 4,917,033 5,056	19 20 21 22 23 24 25
69,209,095	8,011,490	-	90,675,822	1,660,566	92,336,388	26
52,237,360 1,363,145 63,923 961,706 4,602,442 7,899,741	14,478,984 - - 64,345 1,902,555 392,110	- - - - - -	66,716,344 1,363,145 161,128 931,624 8,111,067 10,824,864	- - - - - 88	66,716,344 1,363,145 161,128 931,624 8,111,067 10,824,952	27 28 29 30 31 32
136,337,412	24,849,484	-	178,783,994	1,660,654	180,444,648	33

TABLE 4. Net new Production of Natural Gas by Month, by Province, December 1969

Month	New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F								
January	11,624	13,947	1,243,165	6,398,968	166,187,949	29,004,663	6,514	202,866,830
February	10,840	12,608	1,019,257	5,373,787	151,107,570	27,149,148	5,875	184,679,085
March	10,658	13,449	1,070,363	5,098,121	164,098,557	28,908,058	4,954	199,204,160
April	8,903	11,680	1,033,390	4,632,948	152,989,034	27,373,331	3,658	186,052,944
May	8,616	9,183	876,919	4,334,991	137,589,776	24,914,814	3,139	167,737,438
June	7,450	8,396	747,314	3,993,240	124,128,753	20,800,087	2,521	149,687,761
July	6,955	6,804	620,133	2,552,565	136,306,817	17,925,902	831	157,420,007
August	6,716	9,171	758,456	3,680,167	141,020,855	22,414,767	1,904	167,892,036
September	7,156	11,340	890,985	4,672,627	143,947,325	25,056,212	1,821	174,587,466
October	8,437	13,286	878,713	5,710,006	156,667,512	27,194,027	2,437	190,474,418
November	8,929	12,707	1,041,568	5,981,242	166,356,719	28,502,273	5,078	201,908,516
December	10,236	15,326	1,151,834	6,243,003	182,089,695	30,812,353	4,991	220,327,438
Total year to date	106,520	137,897	11,332,097	58,671,665	1,822,490,562	310,055,635	43,723	2,202,838,099
Total December 1968	9,778	15,138	1,187,263	6,117,843	161,984,145	27,649,142	7,191	196,970,500

TABLE 5. Gas Processing Plant Production of Sulphur by Month, by Province, December 1969

Month	Saskatchewan	Alberta	British Columbia	Canada
short tons				
January	342	333,375	6,668	340,385
February	260	302,298	5,873	308,431
March	302	353,114	6,605	360,021
April	312	341,944	5,699	347,955
May	228	321,004	4,480	325,712
June	286	315,445	3,711	319,442
July	337	356,192	3,798	360,327
August	314	333,585	4,364	338,263
September	310	352,763	5,171	358,244
October	301	327,762	5,970	334,033
November	220	377,400	5,794	383,414
December	295	377,549	5,744	383,588
Total year to date	3,507	4,092,431	63,877	4,159,815
Total December 1968	364	324,522	5,581	330,467

TABLE 6. Supply of Gas Processing Plant Propane, Butanes and Sulphur, December 1969

	Propane barrels	Butanes	Sulphur
			short tons
<u>Production</u>			
Saskatchewan	74,596	30,554	295
Alberta	1,645,125	1,098,643	377,549
British Columbia	33,027	36,721	5,744
Canada	1,752,748	1,165,918	383,588
<u>Returned to formation</u>			
Saskatchewan .....	...	...	...
Alberta	9,324	1,967	...
British Columbia .....	...	...	...
Canada	9,324	1,967	...
<u>Net withdrawals</u>			
Saskatchewan	74,596	30,554	...
Alberta	1,635,801	1,096,676	...
British Columbia	33,027	36,721	...
Canada	1,743,424	1,163,951	...

... Figures not appropriate or not applicable.

TABLE 7. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, Year 1969

	New Brunswick	Ontario	Manitoba	Saskat-chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>Supply</u>										
<u>Domestic production</u>										
Crude oil	9,176	1,161,611	6,204,651	87,406,338	286,577,128	25,309,036	876,362	407,544,302	...	407,544,302
Synthetic crude oil	-	-	-	-	10,086,981	-	-	10,086,981	...	10,086,981
Less returned to formation	-	-	-	-	7,375,223	-	75,021	7,450,244	...	7,450,244
Totals	9,176	1,161,611	6,204,651	87,406,338	289,288,886	25,309,036	801,341	410,181,039	...	410,181,039
Condensate	-	-	-	-	722,816	78,147	-	800,963	...	800,963
Pentanes plus	-	-	-	376,869	36,412,082	944,111	-	37,733,062	...	37,733,062
Net withdrawals	9,176	1,161,611	6,204,651	87,783,207	326,423,784	26,331,294	801,341	448,715,064	...	448,715,064
Imports .....	...	...	...	...	...	...	...	...	190,506,703	190,506,703
Total supply	9,176	1,161,611	6,204,651	87,783,207	326,423,784	26,331,294	801,341	448,715,064	190,506,703	639,221,767
<u>Disposition</u>										
<u>Deliveries to refineries</u>										
Atlantic Provinces	-	-	-	-	-	-	-	-	45,596,289	45,596,289
Quebec	-	-	-	-	-	-	-	-	144,461,221	144,461,221
Ontario	-	1,161,611	4,139,871	49,491,804	69,603,247	-	-	124,396,533	421,571	124,818,104
Manitoba	-	-	195,732	8,312,432	6,299,841	-	-	14,808,005	-	14,808,005
Saskatchewan	-	-	-	1,973,430	21,598,296	-	-	23,571,726	-	23,571,726
Alberta	-	-	-	-	39,656,792	-	-	39,656,792	-	39,656,792
British Columbia	-	-	-	-	16,849,534	21,998,054	-	38,847,588	-	38,847,588
Northwest Territories	-	-	-	-	-	-	754,090	754,090	-	754,090
Totals	-	1,161,611	4,335,603	59,777,666	154,007,710	21,998,054	754,090	242,034,734	190,479,081	432,513,815
<u>Exports to U.S.A.</u>										
<u>Petroleum Administration</u>										
District I	-	-	-	1,505,326	24,850,412	-	-	26,355,738	-	26,355,738
II	-	-	1,946,978	25,962,811	60,164,379	-	-	88,074,168	-	88,074,168
IV	-	-	-	-	12,494,960	-	-	12,494,960	-	12,494,960
V	-	-	-	-	70,704,593	5,088,823	-	75,793,416	-	75,793,416
Totals	-	-	1,946,978	27,468,137	168,214,344	5,088,823	-	202,718,282	-	202,718,282
<u>Inventories</u>										
Opening - Field and plant	5,769	-	71,621	449,246	1,677,804	- 17,221	73,232	2,260,451	-	2,260,451
Transporters'	-	-	94,621	5,059,221	26,105,946	1,325,394	-	32,585,182	359,835	32,945,017
Closing - Field and plant	1,697	-	63,596	306,082	1,694,867	71,994	109,418	2,247,654	-	2,247,654
Transporters'	-	-	16,481	5,298,904	28,908,805	1,142,435	-	35,366,625	359,835	35,726,460
Net change	- 4,072	-	86,165	96,519	2,819,922	- 93,744	36,186	2,768,646	-	2,768,646
<u>Deliveries to other purchasers</u>										
Pipeline fuel	12,849	-	-	-	35,396	5,998	11,065	65,308	-	65,308
Field and plant use	-	-	-	-	174,351	-	-	174,351	-	174,351
Losses and adjustments	40	-	-	132,779	664,532	-	-	797,351	-	797,351
Total disposition	359	-	8,235	308,106	507,529	- 667,837	-	156,392	27,622	184,014
Total disposition	9,176	1,161,611	6,204,651	87,783,207	326,423,784	26,331,294	801,341	448,715,064	190,506,703	639,221,767

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, Year 1968

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>Supply</u>										
<u>Domestic production</u>										
Crude oil	7,648	1,151,481	6,204,920	91,889,243	259,845,867	22,151,353	862,878	382,113,390	...	382,113,390
Synthetic crude oil	-	-	-	-	5,724,738	-	-	5,724,738	...	5,724,738
Less returned to formation	-	-	-	-	9,101,760	-	111,286	9,213,046	...	9,213,046
Totals	7,648	1,151,481	6,204,920	91,889,243	256,468,845	22,151,353	751,592	378,625,082	...	378,625,082
Condensate	-	-	-	-	812,332	54,163	-	866,495	...	866,495
Pentanes plus	-	-	-	324,482	31,050,939	960,252	-	32,335,673	...	32,335,673
Net withdrawals	7,648	1,151,481	6,204,920	92,213,725	288,332,116	23,165,768	751,592	411,827,250	...	411,827,250
Imports .....	...	...	...	...	...	...	...	...	178,415,224	178,415,224
Total supply	7,648	1,151,481	6,204,920	92,213,725	288,332,116	23,165,768	751,592	411,827,250	178,415,224	590,242,474
<u>Disposition</u>										
<u>Deliveries to refineries</u>										
Atlantic Provinces	-	-	-	-	-	-	-	-	39,968,277	39,968,277
Quebec	-	-	-	-	-	-	-	-	137,954,651	137,954,651
Ontario	-	1,151,492	3,943,303	51,131,653	63,787,902	-	-	120,014,350	469,967	120,484,317
Manitoba	-	-	189,924	8,013,702	7,292,648	-	-	15,496,274	-	15,496,274
Saskatchewan	-	-	-	3,258,285	18,937,845	-	-	22,196,130	-	22,196,130
Alberta	-	-	-	1,094,042	35,762,699	-	-	36,856,741	-	36,856,741
British Columbia	-	-	-	-	20,450,257	20,142,860	-	40,593,117	-	40,593,117
Northwest Territories	-	-	-	-	-	-	750,664	750,664	-	750,664
Totals	-	1,151,492	4,133,227	63,497,682	146,231,351	20,142,860	750,664	235,907,276	178,392,895	414,300,171
<u>Exports to U.S.A.</u>										
Petroleum Administration										
District I	-	-	-	1,242,566	20,068,857	-	-	21,311,423	-	21,311,423
II	-	-	2,004,695	27,253,785	48,889,522	-	-	78,148,002	-	78,148,002
IV	-	-	-	-	9,707,803	-	-	9,707,803	-	9,707,803
V	-	-	-	-	56,575,214	3,487,819	-	60,063,033	-	60,063,033
Totals	-	-	2,004,695	28,496,351	135,241,396	3,487,819	-	169,230,261	-	169,230,261
<u>Inventories</u>										
Opening - Field and plant	8,398	-	76,236	437,106	1,702,610	22,888	70,304	2,317,542	-	2,317,542
Transporters'	-	-	46,481	5,049,851	20,619,430	1,492,251	-	27,208,013	359,835	27,567,848
Closing - Field and plant	5,769	-	71,621	453,587	1,646,987	- 12,704	73,232	2,238,492	-	2,238,492
Transporters'	-	-	94,621	5,059,221	26,105,946	1,325,394	-	32,585,182	359,835	32,945,017
Net change	- 2,629	-	43,525	25,851	5,430,893	- 202,449	2,928	5,298,119	-	5,298,119
Deliveries to other purchasers	10,406	-	-	36,410	200,202	11,461	-	258,479	-	258,479
Pipeline fuel	-	-	-	-	209,245	-	-	209,245	-	209,245
Field and plant use	63	-	-	42,442	420,151	-	-	462,656	-	462,656
Losses and adjustments	- 192	- 11	23,473	114,989	598,878	- 273,923	- 2,000	461,214	22,329	483,543
Total disposition	7,648	1,151,481	6,204,920	92,213,725	288,332,116	23,165,768	751,592	411,827,250	178,415,224	590,242,474

... Figures not appropriate or not applicable.

TABLE 9. Supply and Disposition of Natural Gas by Source, Canada, Year 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan
				Mcf.	
A. FIELD AND PROCESSING PLANTS					
<u>Supply</u>					
1	Gross new production	106,520	137,897	11,332,097	69,697,560
2	Less field flared and waste	-	-	-	11,025,895
3	Net new production (1 - 2)	106,520	137,897	11,332,097	58,671,665
4	Reproduced	-	-	-	-
5	Less injected and stored	-	-	-	6,641
6	Net withdrawals	106,520	137,897	11,332,097	58,665,024
<u>Disposition</u>					
7	Field disposition and uses	2,444	-	-	3,906,219
8	Gathering system disposition and uses	-	-	-	715,161
9	Processing plant disposition and uses:				
9a	Processing shrinkage	-	-	-	2,318,797
9b	Other disposition and uses	-	-	-	2,369,120
10	Other uses	-	-	-	632,377
11	Adjustment	-	-	-	151,698
12	Deliveries of marketable gas	104,076	137,897	11,332,097	48,571,652
13	Total disposition	106,520	137,897	11,332,097	58,665,024
B. GAS UTILITIES					
<u>Supply</u>					
14	Receipts of marketable gas				
14a	Plants	-	-	-	21,261,180
14b	Fields	104,076	137,897	11,332,097	27,310,472
15	Total (14a + 14b)	104,076	137,897	11,332,097	48,571,652
16	Receipts from distributor storage	-	-	56,837,037	5,636,109
17	Imports	-	-	-	-
17a	Other receipts(1)	-	-	2,177	-
18	Total supply of marketable gas (15 + 16 + 17 + 17a)	104,076	137,897	68,171,311	54,207,761
<u>Disposition</u>					
<u>Sales</u>					
19	British Columbia	-	-	-	-
20	Alberta	-	-	-	-
21	Saskatchewan	-	-	-	34,823,914
22	Manitoba	-	-	-	-
23	Ontario	-	-	67,606,373	-
24	Quebec	-	137,897	-	-
25	New Brunswick	58,825	-	-	-
26	Total sales (19 to 25 inclusive)	58,825	137,897	67,606,373	34,823,914
27	Exports	-	-	-	-
28	Other deliveries(2)	-	-	-	-
29	Delivered to distributor storage	-	-	-	6,505,331
30	Pipeline line pack fluctuation	-	-	-	484,533
31	Pipeline fuel	-	-	427,996	8,352,137
32	Pipeline losses etc.	45,251	-	136,942	4,041,848
33	Total disposition of marketable gas (26 to 32 inclusive)	104,076	137,897	68,171,311	54,207,761

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

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

TABLE 9. Supply and Disposition of Natural Gas by Source, Canada, Year 1969

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
			Mcf.			
1,883,369,993 60,879,431	322,527,686 12,472,051	684,177 640,454	2,287,855,930 85,017,831	...	2,287,855,930 85,017,831	1 2
1,822,490,562	310,055,635	43,723	2,202,838,099	...	2,202,838,099	3
- 216,832,085	- 8,057,812	- -	- 224,896,538	...	- 224,896,538	4 5
1,605,658,477	301,997,823	43,723	1,977,941,561	...	1,977,941,561	6
7,688,698 2,783,076	8,581,720 132,068	-	20,179,081 3,630,305	...	20,179,081 3,630,305	7 8
229,363,265 82,508,267 1,076,537 - 11,058,576 1,293,297,210	6,630,367 33,261,542 - 417,183 252,974,943	- - 43,723 - -	238,312,429 118,138,929 1,752,637 - 10,489,695 1,606,417,875	...	238,312,429 118,138,929 1,752,637 - 10,489,695 1,606,417,875	9a 9b 10 11 12
1,605,658,477	301,997,823	43,723	1,977,941,561	...	1,977,941,561	13
1,063,941,285 229,355,925	247,956,372 5,018,571	-	1,333,158,837 273,259,038	...	1,333,158,837 273,259,038	14a 14b
1,293,297,210	252,974,943	-	1,606,417,875	...	1,606,417,875	15
2,551,024 - 865,134	- - 15,977	-	65,024,170 - 883,288	34,935,563	65,024,170 34,935,563 883,288	16 17 17a
1,296,713,368	252,990,920	-	1,672,325,333	34,935,563	1,707,260,896	18
12,078,623 226,694,829 44,019,194 47,398,425 249,031,304 50,657,907 -	77,270,518 - - - - - -	-	89,349,141 226,694,829 78,843,108 47,398,425 316,637,677 50,795,804 58,825	- 112,315 - - 34,823,261 - -	89,349,141 226,807,144 78,843,108 47,398,425 351,460,938 50,795,804 58,825	19 20 21 22 23 24 25
629,880,282	77,270,518	-	809,777,809	34,935,576	844,713,385	26
523,152,127 13,297,187 59,795,028 2,655,553 51,082,538 16,850,653	156,957,268 - - 481,533 15,462,583 2,819,018	-	680,109,395 13,297,187 66,300,359 3,621,619 75,325,254 23,893,710	- - - - - - 13	680,109,395 13,297,187 66,300,359 3,621,619 75,325,254 23,893,697	27 28 29 30 31 32
1,296,713,368	252,990,920	-	1,672,325,333	34,935,563	1,707,260,896	33

TABLE 10. Supply and Disposition of Natural Gas by Source, Canada, Year 1968

No.		New Brunswick	Quebec	Ontario	Saskatchewan
Mcf.					
<u>A. FIELD AND PROCESSING PLANTS</u>					
	<u>Supply</u>				
1	Gross new production	112,967	137,573	12,065,829	68,112,212
2	Less field flared and waste	-	-	-	11,295,574
3	Net new production (1 - 2)	112,967	137,573	12,065,829	56,816,638
4	Reproduced	-	-	-	-
5	Less injected and stored	-	-	-	35,685
6	Net withdrawals	112,967	137,573	12,065,829	56,780,953
<u>Disposition</u>					
7	Field disposition and uses	2,039	-	-	3,876,510
8	Gathering system disposition and uses	-	-	-	755,932
9	Processing plant disposition and uses:				
9a	Processing shrinkage	-	-	-	2,477,733
9b	Other disposition and uses	-	-	-	2,342,206
10	Other uses	-	-	-	834,121
11	Adjustment	-	-	-	362,917
12	Deliveries of marketable gas	110,928	137,573	12,065,829	46,131,534
13	Total disposition	112,967	137,573	12,065,829	56,780,953
<u>B. GAS UTILITIES</u>					
	<u>Supply</u>				
14	Receipts of marketable gas				
14a	Plants	-	-	-	21,931,313
14b	Fields	110,928	137,573	12,065,829	24,199,216
15	Total (14a + 14b)	110,928	137,573	12,065,829	46,131,534
16	Receipts from distributor storage	-	-	49,074,564	4,158,687
17	Imports	-	-	-	-
17a	Other receipts(1)	-	-	11,032	-
18	Total supply of marketable gas (15 + 16 + 17 + 17a)	110,928	137,573	61,151,425	50,290,221
	<u>Disposition</u>				
	<u>Sales</u>				
19	British Columbia	-	-	-	-
20	Alberta	-	-	-	-
21	Saskatchewan	-	-	-	45,909,930
22	Manitoba	-	-	-	-
23	Ontario	-	-	60,389,985	-
24	Quebec	-	137,573	-	-
25	New Brunswick	64,126	-	-	-
26	Total sales (19 to 25 inclusive)	64,126	137,573	60,389,985	45,909,930
27	Exports	-	-	-	-
28	Other deliveries(2)	-	-	-	-
29	Delivered to distributor storage	-	-	-	4,805,242
30	Pipeline line pack fluctuation	-	-	-	32,567
31	Pipeline fuel	-	-	544,974	1,903,137
32	Pipeline losses etc.	46,802	-	216,466	- 2,360,655
33	Total disposition of marketable gas (26 to 32 inclusive)	110,928	137,573	61,151,425	50,290,221

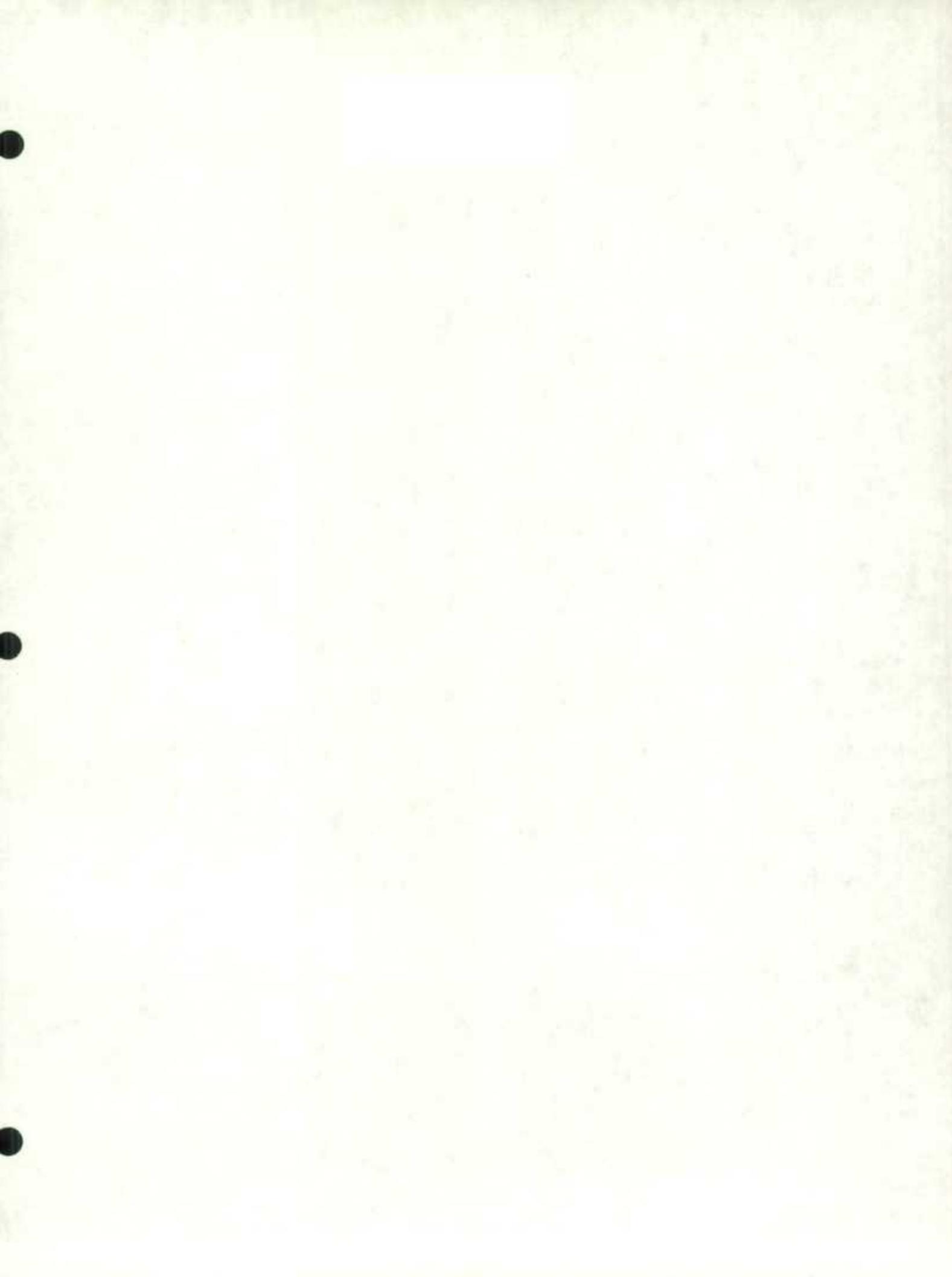
(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

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

TABLE 10. Supply and Disposition of Natural Gas by Source, Canada, Year 1968

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
1,637,706,400 58,115,234	278,948,274 11,292,881	708,728 666,126	1,997,791,983 81,369,815	...	1,997,791,983 81,369,815	1 2
1,579,591,166	267,655,393	42,602	1,916,422,168	...	1,916,422,168	3
211,909,035	7,788,471	-	219,733,191	...	219,733,191	4 5
1,367,682,131	259,866,922	42,602	1,696,688,977	...	1,696,688,977	6
10,987,759 6,896,670	5,243,678 621,380	-	20,109,986 8,273,982	...	20,109,986 8,273,982	7 8
190,105,645 70,100,789 941,141 - 13,640,800 1,102,290,927	6,418,703 24,518,788 - 28,003 223,092,376	- - 42,602 -	199,002,081 96,961,783 1,817,864 - 13,305,886 1,383,829,167	...	199,002,081 96,961,783 1,817,864 - 13,305,886 1,383,829,167	9a 9b 10 11 12
1,367,682,131	259,866,922	42,602	1,696,688,977	...	1,696,688,977	13
907,049,523 195,341,304	218,651,910 4,440,466	-	1,147,633,851 236,195,316	-	1,147,633,851 236,195,316	14a 14b
1,102,290,927	223,092,376	-	1,383,829,167	-	1,383,829,167	15
2,494,136 418,578	- 61,195	-	55,727,387 - 490,805	81,554,075	55,727,387 81,554,075 490,805	16 17 17a
1,105,203,641	223,153,571	-	1,440,047,359	81,554,075	1,521,601,434	18
11,856,648 200,831,110 35,094,757 45,242,862 166,260,354 44,024,251 -	74,639,509	-	86,496,157 200,831,110 81,004,687 45,242,862 226,650,339 44,161,824 64,126	- 104,533 - - 81,449,956 - -	86,496,157 200,935,643 81,004,687 45,242,862 308,100,295 44,161,824 64,126	19 20 21 22 23 24 25
503,309,982	74,639,509	-	684,451,105	81,554,489	766,005,594	26
470,972,902 6,797,724 52,952,433 1,702,788 49,527,124 19,940,688	133,472,319 - - 1,013,891 10,427,882 3,599,970	- - - - - -	604,445,221 6,797,724 57,757,675 2,749,246 62,403,117 21,443,271	- - - - - - 414	604,445,221 6,797,724 57,757,675 2,749,246 62,403,117 21,442,857	27 28 29 30 31 32
1,105,203,641	223,153,571	-	1,440,047,359	81,554,075	1,521,601,434	33





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