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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

PRODUCTION DE PÉTROLE BRUT ET DE GAZ NATUREL

DECEMBER - 1970 - DÉCEMBRE

The production of crude petroleum and equivalent hydrocarbons during December 1970 amounted to 50,418,168 barrels or 1,626,393 barrels per day, an increase of 18.5 per cent or 254,219 barrels per day from December 1969.

The disposition of Canadian crude and equivalent for December was 24.2 million barrels (48.0 per cent) to Canadian refineries and 23.5 million barrels (46.6 per cent) was exported. The 5.4 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 19.2 million barrels, 618,384 barrels per day.

Natural gas production increased 16.5 per cent to 256,700,307 Mcf. from 220,327,438 Mcf. in December 1969.

The disposition of natural gas for December 1970 is as follows: 8.9 million Mcf. was net deliveries to storage and injection operations; 40.0 million was used, and unaccounted for in fields and processing plants; 78.9 million was exported; 102.3 million was sold to ultimate customers in Canada. The remaining difference of 26.6 millions Mcf. between production and disposition was accounted for by other deliveries, pipe line fuel, losses and line pack fluctuations.

Manufacturing and Primary
Industries Division

June - 1971 - Juin
6503-515

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En décembre 1970, la production de pétrole brut et d'hydrocarbures équivalents s'est élevée à 50,418,168 barils ou 1,626,393 barils par jour, soit, par rapport à décembre 1969, une augmentation de 18.5 p. 100 ou de 254,219 barils par jour.

L'utilisation de pétrole brut canadien et d'équivalents au cours du mois de décembre 1970 se répartit de la manière suivante: 24.2 millions de barils (48.0 p. 100) destinés aux raffineries canadiennes et 23.5 millions de barils (46.6 p. 100) destinés à l'exportation. La différence de 5.4 p. 100 entre l'approvisionnement et l'utilisation provient des variations des stocks, de la consommation par l'industrie pétrolière, etc. Les importations de pétrole brut se sont élevées, au cours de la même période, à 19.2 millions de barils ou 618,384 barils par jour.

La production de gaz naturel a crû de 16.5 p. 100, passant de 220,327,438 m.p.c. à 256,700,307 m.p.c. entre décembre 1969 et décembre 1970.

Au cours de ce dernier mois, l'utilisation du gaz naturel a été le suivant: 8.9 millions de m.p.c. ont été absorbés par le stockage et l'injection, 40.0 millions ont été utilisés sur les chantiers et dans les usines de traitement, 78.9 millions ont été exportés et 102.3 millions ont été vendus aux consommateurs canadiens. La différence entre la production et l'utilisation, soit 26.6 millions de m.p.c., représente d'autres livraisons, le carburant utilisé par les pipelines, les pertes dans les pipes-lines et les fluctuations de pression dans les réseaux.

Division des industries manufacturières
et primaires

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

December 1970

| No. | | New Brunswick — Nouveau- Brunswick | Ontario | Manitoba | Saskatchewan |
|---------------------------------|---------------------------|---|----------------------|-----------|--------------|
| | | barrels of 35 Canadian gallons — barils de 35 gallons canadiens | | | |
| <u>Crude oil and condensate</u> | | | | | |
| 1 | January | 678 | 87,781 | 534,265 | 7,767,758 |
| 2 | February | 677 | 83,132 | 477,578 | 7,133,766 |
| 3 | March | 756 | 99,082 | 522,615 | 7,850,427 |
| 4 | April | 677 | 100,047 ^r | 481,963 | 7,012,496 |
| 5 | May | 623 | 98,517 ^r | 498,277 | 7,498,817 |
| 6 | June | 726 | 92,914 ^r | 486,508 | 7,269,831 |
| 7 | July | 858 | 88,731 | 489,748 | 7,499,499 |
| 8 | August | 940 | 89,738 ^r | 493,946 | 7,622,301 |
| 9 | September | 869 | 74,220 | 472,462 | 7,384,642 |
| 10 | October | 1,092 | 80,474 | 488,278 | 7,597,955 |
| 11 | November | 699 | 78,277 | 470,140 | 7,324,123 |
| 12 | December | 1,080 | 75,255 | 492,609 | 7,518,916 |
| <u>Pentanes plus</u> | | | | | |
| 13 | January | — | — | — | 33,262 |
| 14 | February | — | — | — | 28,367 |
| 15 | March | — | — | — | 35,291 |
| 16 | April | — | — | — | 32,758 |
| 17 | May | — | — | — | 34,250 |
| 18 | June | — | — | — | 32,932 |
| 19 | July | — | — | — | 35,159 |
| 20 | August | — | — | — | 36,832 |
| 21 | September | — | — | — | 33,742 |
| 22 | October | — | — | — | 37,661 |
| 23 | November | — | — | — | 33,763 |
| 24 | December | — | — | — | 33,947 |
| <u>Propane</u> | | | | | |
| 25 | January | — | — | — | 67,242 |
| 26 | February | — | — | — | 52,961 |
| 27 | March | — | — | — | 70,118 |
| 28 | April | — | — | — | 67,873 |
| 29 | May | — | — | — | 64,134 |
| 30 | June | — | — | — | 65,944 |
| 31 | July | — | — | — | 65,678 |
| 32 | August | — | — | — | 69,789 |
| 33 | September | — | — | — | 70,034 |
| 34 | October | — | — | — | 71,172 |
| 35 | November | — | — | — | 64,521 |
| 36 | December | — | — | — | 66,609 |
| <u>Butanes</u> | | | | | |
| 37 | January | — | — | — | 28,429 |
| 38 | February | — | — | — | 20,983 |
| 39 | March | — | — | — | 28,207 |
| 40 | April | — | — | — | 27,954 |
| 41 | May | — | — | — | 26,489 |
| 42 | June | — | — | — | 30,229 |
| 43 | July | — | — | — | 31,410 |
| 44 | August | — | — | — | 33,904 |
| 45 | September | — | — | — | 32,749 |
| 46 | October | — | — | — | 31,857 |
| 47 | November | — | — | — | 28,696 |
| 48 | December | — | — | — | 30,487 |
| 49 | Total December 1970 | 1,080 | 75,255 | 492,609 | 7,649,959 |
| 50 | Total year to date | 9,675 | 1,048,168 | 5,908,389 | 91,035,464 |
| 51 | Total December 1969 | 840 | 88,518 | 545,160 | 7,677,898 |

^r Revised figures.

TABLEAU 1. Production d'hydrocarbures liquides par les gisements et les usines de traitement, ventilée
par mois et par province,
décembre 1970

| Alberta | British Columbia — Colombie-Britannique | Northwest Territories — Territoires du Nord-Ouest | Canada | N° |
|---|---|---|-------------|------------------------------------|
| barrels of 35 Canadian gallons — barils de 35 gallons canadiens | | | | |
| 32,140,500 ^r | 2,252,201 | 108,477 | 42,891,660 | Janvier |
| 28,726,161 ^r | 2,015,354 | 74,659 | 38,511,327 | Février |
| 28,980,742 ^r | 2,197,077 | 75,046 | 39,725,745 | Mars |
| 20,729,137 ^r | 2,130,211 | 48,935 | 30,503,466 | Avril |
| 22,880,698 ^r | 2,180,587 | 24,299 | 33,181,818 | Mai |
| 25,923,942 ^r | 2,054,997 | 69,207 | 35,898,125 | Juin |
| 28,059,744 ^r | 2,169,794 | 103,697 | 38,412,071 | Juillet |
| 27,248,758 ^r | 2,131,935 | 108,031 | 37,695,649 | Août |
| 28,837,193 ^r | 2,065,654 | 97,962 | 38,933,002 | Septembre |
| 28,038,074 ^r | 2,124,581 | 55,456 | 38,385,910 | Octobre |
| 30,799,664 ^r | 2,025,437 | 40,249 | 40,738,589 | Novembre |
| 36,038,628 | 2,131,464 | 39,985 | 46,297,937 | Décembre |
| <u>Pétrole brut et condensats</u> | | | | |
| 3,221,181 | 100,246 | — | 3,354,689 | Janvier |
| 3,116,917 | 87,648 | — | 3,232,932 | Février |
| 3,614,631 ^r | 93,525 | — | 3,743,447 | Mars |
| 3,679,500 | 85,834 | — | 3,798,092 | Avril |
| 3,491,693 | 80,293 | — | 3,606,236 | Mai |
| 2,882,365 | 77,162 | — | 2,992,459 | Juin |
| 3,229,651 | 76,976 | — | 3,341,786 | Juillet |
| 3,493,738 | 65,690 | — | 3,596,260 | Août |
| 3,667,914 | 75,288 | — | 3,776,944 | Septembre |
| 3,658,039 | 87,371 | — | 3,783,071 | Octobre |
| 3,851,532 ^r | 74,458 | — | 3,959,253 | Novembre |
| 3,987,637 | 98,647 | — | 4,120,231 | Décembre |
| <u>Pentanes plus</u> | | | | |
| 1,603,327 | 42,557 | — | 1,713,126 | Janvier |
| 1,475,286 | 36,902 | — | 1,565,149 | Février |
| 1,765,861 | 42,055 | — | 1,878,034 | Mars |
| 1,596,997 | 38,470 | — | 1,703,340 | Avril |
| 1,497,261 | 34,245 | — | 1,595,640 | Mai |
| 1,423,008 | 31,005 | — | 1,519,957 | Juin |
| 1,536,247 | 33,509 | — | 1,635,434 | Juillet |
| 1,716,833 | 23,370 | — | 1,809,992 | Août |
| 1,809,946 | 33,337 | — | 1,913,317 | Septembre |
| 1,792,794 | 36,046 | — | 1,900,012 | Octobre |
| 1,887,149 | 29,363 | — | 1,981,033 | Novembre |
| 1,953,242 | 39,468 | — | 2,059,319 | Décembre |
| <u>Propane</u> | | | | |
| 1,056,860 | 26,813 | — | 1,112,102 | Janvier |
| 962,235 | 27,911 | — | 1,011,129 | Février |
| 1,028,152 ^r | 18,814 | — | 1,075,173 | Mars |
| 980,201 | 13,382 | — | 1,021,537 | Avril |
| 946,359 | 20,459 | — | 993,307 | Mai |
| 878,204 ^r | 13,386 | — | 921,819 | Juin |
| 912,914 | 21,324 | — | 965,648 | Juillet |
| 1,025,791 | 11,353 | — | 1,071,048 | Août |
| 1,132,112 | 27,485 | — | 1,192,346 | Septembre |
| 1,116,256 | 42,907 | — | 1,191,020 | Octobre |
| 1,231,896 | 37,930 | — | 1,298,522 | Novembre |
| 1,272,706 | 46,900 | — | 1,350,093 | Décembre |
| 43,252,213 | 2,316,479 | 39,985 | 53,827,580 | Total décembre 1970 |
| 412,899,676 | 27,211,421 | 846,003 | 538,958,796 | Total cumulatif pour l'année |
| 34,674,144 | 2,401,554 | 56,652 | 45,444,766 | Total décembre 1969 |

^r Nombres rectifiés.

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada,
December 1970

| No. | | New Brunswick — Nouveau- Brunswick | Ontario | Manitoba | Saskatchewan | Alberta |
|---|--------------------------------|--|---------|----------|--------------|------------|
| barrels of 35 Canadian gallons — barils de 35 gallons canadiens | | | | | | |
| <u>Supply</u> | | | | | | |
| <u>Domestic production</u> | | | | | | |
| 1 | Crude oil | 1,080 | 75,255 | 492,609 | 7,518,916 | 35,161,465 |
| 2 | Synthetic crude oil | — | — | — | — | 933,308 |
| 3 | Less returned to formation | — | — | — | — | 135,034 |
| 4 | Total | 1,080 | 75,255 | 492,609 | 7,518,916 | 35,959,739 |
| 5 | Condensate | — | — | — | — | 78,889 |
| 6 | Pentanes plus | — | — | — | 33,947 | 3,987,637 |
| 7 | Net withdrawals | 1,080 | 75,255 | 492,609 | 7,552,863 | 40,026,265 |
| 8 | Imports | ... | ... | ... | ... | ... |
| 9 | Total supply | 1,080 | 75,255 | 492,609 | 7,552,863 | 40,026,265 |
| <u>Disposition</u> | | | | | | |
| <u>Deliveries to refineries</u> | | | | | | |
| 10 | Atlantic Provinces | — | — | — | — | — |
| 11 | Quebec | — | — | — | — | — |
| 12 | Ontario | — | 75,731 | 209,146 | 3,456,389 | 8,812,330 |
| 13 | Manitoba | — | — | 15,691 | 837,163 | 674,831 |
| 14 | Saskatchewan | — | — | — | 199,758 | 1,998,914 |
| 15 | Alberta | — | — | — | — | 3,664,907 |
| 16 | British Columbia | — | — | — | — | 2,102,626 |
| 17 | Northwest Territories | — | — | — | — | — |
| 18 | Total | — | 75,731 | 224,837 | 4,493,310 | 17,253,579 |
| <u>Exports to U.S.A.</u> | | | | | | |
| Petroleum Administration | | | | | | |
| 19 | District I | — | — | — | 109,864 | 2,589,435 |
| 20 | II | — | — | 271,702 | 2,801,946 | 8,620,571 |
| 21 | IV | — | — | — | — | 2,230,513 |
| 22 | V | — | — | — | — | 6,747,236 |
| 23 | Total | — | — | 271,702 | 2,911,810 | 20,187,755 |
| <u>Inventories</u> | | | | | | |
| 24 | Opening - Field and plant .. | 2,207 | — | 57,507 | 487,013 | 1,618,015 |
| 25 | Transporters' | — | — | 16,624 | 4,879,568 | 27,952,233 |
| 26 | Closing - Field and plant .. | 2,734 | — | 54,354 | 503,875 | 1,745,806 |
| 27 | Transporters' | — | — | 15,602 | 4,955,122 | 30,302,108 |
| 28 | Net change | 527 | — | — 4,175 | 92,416 | 2,477,666 |
| 29 | Deliveries to other purchasers | 553 | — | — | — | — 5,886 |
| 30 | Pipeline fuel | — | — | — | — | 12,729 |
| 31 | Field and plant use | — | — | — | 21,192 | 74,779 |
| 32 | Losses and adjustments | — | — 476 | 245 | 34,135 | 25,643 |
| 33 | Total disposition | 1,080 | 75,255 | 492,609 | 7,552,863 | 40,026,265 |

... Figures not appropriate or not applicable.

TABLEAU 2. Approvisionnement et emploi, pétrole brut et hydrocarbures équivalents, par source, ensemble du Canada, décembre 1970

| British Columbia - Colombie-Britannique | Northwest Territories - Territoires du Nord-Ouest | Total Canadian sources - Total de source canadienne | Total Foreign sources - Total de source étrangère | Total all sources - Total général | | No |
|---|---|---|---|---|---|----|
| barrels of 35 Canadian gallons - barils de 35 gallons canadiens | | | | | | |
| | | | | | <u>Approvisionnement</u> | |
| | | | | | <u>Production intérieure</u> | |
| 2,121,205 | 97,308 | 45,467,838 | ... | 45,467,838 | Pétrole brut | 1 |
| - | - | 933,308 | ... | 933,308 | Pétrole brut synthétique | 2 |
| - | 57,323 | 192,357 | ... | 192,357 | Moins: repris pour l'injection | 3 |
| 2,121,205 | 39,985 | 46,208,789 | ... | 46,208,789 | Total | 4 |
| 10,259 | - | 89,148 | ... | 89,148 | Condensats | 5 |
| 98,647 | - | 4,120,231 | ... | 4,120,231 | Pentanes plus | 6 |
| 2,230,111 | 39,985 | 50,418,168 | ... | 50,418,168 | Prélèvement net | 7 |
| ... | ... | ... | 19,169,919 | 19,169,919 | Importations | 8 |
| 2,230,111 | 39,985 | 50,418,168 | 19,169,919 | 69,588,087 | Approvisionnement total | 9 |
| | | | | | <u>Utilisation</u> | |
| | | | | | <u>Livraisons aux raffineries</u> | |
| - | - | - | 4,062,899 | 4,062,899 | Françaises Atlantiques | 10 |
| - | - | - | 15,106,553 | 15,106,553 | Québec | 11 |
| - | - | 12,553,496 | - | 12,553,496 | Ontario | 12 |
| - | - | 1,527,686 | - | 1,527,686 | Manitoba | 13 |
| - | - | 2,198,672 | - | 2,198,672 | Saskatchewan | 14 |
| - | - | 3,664,907 | - | 3,664,907 | Alberta | 15 |
| 2,126,397 | - | 4,229,093 | - | 4,229,093 | Colombie-Britannique | 16 |
| - | 42,894 | 42,894 | - | 42,894 | Territoires du Nord-Ouest | 17 |
| 2,126,397 | 42,894 | 24,216,748 | 19,169,452 | 43,386,200 | Total | 18 |
| | | | | | <u>Exportations vers les États-Unis</u> | |
| | | | | | <u>Petroleum Administration</u> | |
| - | - | 2,699,299 | - | 2,699,299 | District I | 19 |
| - | - | 11,694,219 | - | 11,694,219 | II | 20 |
| - | - | 2,230,513 | - | 2,230,513 | IV | 21 |
| 143,360 | - | 6,890,596 | - | 6,890,596 | V | 22 |
| 143,360 | - | 23,514,627 | - | 23,514,627 | Total | 23 |
| | | | | | <u>Stocks</u> | |
| 94,787 | 65,781 | 2,325,310 | - | 2,325,310 | Début d'exercice - Gisements et usines de traitement. | 24 |
| 1,122,697 | - | 33,971,122 | 359,835 | 34,330,957 | - Transporteurs | 25 |
| 34,395 | 62,872 | 2,404,036 | - | 2,404,036 | Fin d'exercice - Gisements et usines de traitement. | 26 |
| 1,174,669 | - | 36,447,501 | 359,835 | 36,807,336 | - Transporteurs | 27 |
| - 8,420 | - 2,909 | 2,555,105 | - | 2,555,105 | Variation nette | 28 |
| 120 | - | - 5,213 | - | - 5,213 | Livraison à d'autres acheteurs | 29 |
| - | - | 12,729 | - | 12,729 | Carburants consommés par les pipe-lines. | 30 |
| - | - | 95,971 | - | 95,971 | Consommation des gisements et usines de traitement. | 31 |
| - 31,346 | - | 28,201 | 467 | 28,668 | Pertes et ajustements | 32 |
| 2,230,111 | 39,985 | 50,418,168 | 19,169,919 | 69,588,087 | Total de l'utilisation | 33 |

N'ayant pas lieu de figurer.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada,
December 1970

| No. | | New Brunswick — Nouveau- Brunswick | Québec | Ontario | Saskatchewan | Alberta |
|---------------------------------------|---|--|---------|------------|--------------|-------------|
| | Mcf. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | |
| A. FIELD AND PROCESSING PLANTS | | | | | | |
| | <u>Supply</u> | | | | | |
| 1 | Gross new production | 12,109 | 18,030 | 1,695,767 | 8,153,019 | 220,541,728 |
| 2 | Less field flared and waste | — | — | — | 1,406,671 | 5,972,986 |
| 3 | Net new production (1 - 2) | 12,109 | 18,030 | 1,695,767 | 6,746,348 | 214,568,742 |
| 4 | Reproduced | — | — | — | — | — |
| 5 | Less injected and stored | — | — | — | — | 22,421,618 |
| 6 | Net withdrawals | 12,109 | 18,030 | 1,695,767 | 6,746,348 | 192,147,124 |
| | <u>Disposition</u> | | | | | |
| 7 | Field disposition and uses | 182 | — | — | 547,592 | 1,263,287 |
| 8 | Gathering system disposition and uses | — | — | — | 84,938 | 510,061 |
| 9 | Processing plant disposition and uses: | | | | | |
| 9a | Processing shrinkage | — | — | — | 184,075 | 25,310,292 |
| 9b | Other disposition and uses | — | — | — | 219,437 | 8,661,253 |
| 10 | Other uses | — | — | — | 110,602 | 104,830 |
| 11 | Adjustment | — | — | — | — 38,365 | — 3,085,492 |
| 12 | Deliveries of marketable gas | 11,927 | 18,030 | 1,695,767 | 5,638,069 | 159,382,893 |
| 13 | Total disposition | 12,109 | 18,030 | 1,695,767 | 6,746,348 | 192,147,124 |
| B. GAS UTILITIES | | | | | | |
| | <u>Supply</u> | | | | | |
| 14 | Receipts of marketable gas | | | | | |
| 14a | Plants | — | — | — | 1,712,492 | 133,318,907 |
| 14b | Fields | 11,927 | 18,030 | 1,695,767 | 3,925,577 | 26,063,986 |
| 15 | Total (14a + 14b) | 11,927 | 18,030 | 1,695,767 | 5,638,069 | 159,382,893 |
| 16 | Receipts from distributor storage | — | 198,416 | 12,260,969 | 1,339,166 | 655,497 |
| 17 | Imports | — | — | — | — | — |
| 17a | Other receipts(1) | — | — | 2,637 | — | 120,849 |
| 18 | Total supply of marketable gas (15 + 16 + 17 + 17a). | 11,927 | 216,446 | 13,959,373 | 6,977,235 | 160,159,239 |
| | <u>Disposition</u> | | | | | |
| | <u>Sales</u> | | | | | |
| 19 | British Columbia | — | — | — | — | 1,178,082 |
| 20 | Alberta | — | — | — | — | 28,894,923 |
| 21 | Saskatchewan | — | — | — | 4,063,455 | 3,830,592 |
| 22 | Manitoba | — | — | — | 187,992 | 5,903,905 |
| 23 | Ontario | — | — | 12,940,492 | — | 29,808,207 |
| 24 | Quebec | — | 216,446 | — | — | 5,278,657 |
| 25 | New Brunswick | 6,043 | — | — | — | — |
| 26 | Total sales (19 to 25 inclusive) | 6,043 | 216,446 | 12,940,492 | 4,251,447 | 74,894,366 |
| 27 | Exports | — | — | — | — | 64,501,776 |
| 28 | Other deliveries(2) | — | — | — | 38,364 | 3,392,173 |
| 29 | Delivered to distributor storage | — | — | — | 417,633 | 105,582 |
| 30 | Line pack fluctuation | — | — | — | 35,300 | — 10,051 |
| 31 | Pipeline fuel | — | — | 63,210 | 259,105 | 7,518,943 |
| 32 | Pipeline losses, etc. | 5,884 | — | 955,671 | 1,975,386 | 9,756,450 |
| 33 | Total disposition of marketable gas (26 to 32 inclusive). | 11,927 | 216,446 | 13,959,373 | 6,977,235 | 160,159,239 |

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

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

... Figures not appropriate or not applicable.

TABLEAU 3. Approvisionnement et utilisation de gaz naturel, par source, Canada,
Décembre 1970

| British Columbia | Northwest Territories | Total Canadian sources | Total foreign sources | Total all sources | | N° |
|---|---------------------------|----------------------------|---------------------------|----------------------------|--|----|
| Colombie-Britannique | Territoires du Nord-Ouest | Total de source canadienne | Total de source étrangère | Total général | | |
| Mcf. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | | |
| 34,536,381 | 96,262 | 265,053,296 | ... | 265,053,296 | | |
| 898,127 | 75,205 | 8,352,989 | ... | 8,352,989 | | |
| 33,638,254 | 21,057 | 256,700,307 | ... | 256,700,307 | | |
| — | — | — | ... | — | | |
| 390,292 | — | 22,811,910 | ... | 22,811,910 | | |
| 33,247,962 | 21,057 | 233,888,397 | ... | 233,888,397 | | |
| 445,233 6,112 | — | 2,256,294 601,111 | ... | 2,256,294 601,111 | | |
| 623,592 4,941,457 | — | 26,117,959 | ... | 26,117,959 | | |
| — | 21,057 | 13,822,147 236,489 | ... | 13,822,147 236,489 | | |
| 105,399 27,126,169 | — | — 3,018,458 193,872,855 | ... | — 3,018,458 193,872,855 | | |
| 33,247,962 | 21,057 | 233,888,397 | ... | 233,888,397 | | |
| 26,643,257 482,912 | — | 161,674,656 32,198,199 | ... | 161,674,656 32,198,199 | | |
| 27,126,169 | — | 193,872,855 | ... | 193,872,855 | | |
| — | — | 14,454,048 | ... | 14,454,048 | | |
| — | — | — | 1,452,768 | 1,452,768 | | |
| 8,660 | — | 132,146 | — | 132,146 | | |
| 27,134,829 | — | 208,459,049 | 1,452,768 | 209,911,817 | | |
| 10,031,050 | — | 11,209,132 | — | 11,209,132 | | |
| — | — | 28,894,923 | 16,980 | 28,911,903 | | |
| — | — | 7,894,047 | — | 7,894,047 | | |
| — | — | 6,091,897 | — | 6,091,897 | | |
| — | — | 42,748,699 | 1,436,462 | 44,185,161 | | |
| — | — | 5,495,103 | — | 5,495,103 | | |
| — | — | 6,043 | — | 6,043 | | |
| 10,031,050 | — | 102,339,844 | 1,453,442 | 103,793,286 | | |
| 14,365,651 | — | 78,867,427 | — | 78,867,427 | | |
| — | — | 3,430,537 | — | 3,430,537 | | |
| — | — | 523,215 | — | 523,215 | | |
| 40,839 | — | 66,088 | — | 66,088 | | |
| 1,999,352 | — | 9,840,610 | — | 9,840,610 | | |
| 697,937 | — | 13,391,328 | — 674 | 13,390,654 | | |
| 27,134,829 | — | 208,459,049 | 1,452,768 | 209,911,817 | | |
| <u>A. GISEMENTS ET USINES DE TRAITEMENT</u> | | | | | | |
| <u>Approvisionnement</u> | | | | | | |
| Production originale brute | | | | | | |
| Production originale nette (1 - 2) | | | | | | |
| Gaz récupéré | | | | | | |
| Moins gaz injecté et stocké | | | | | | |
| Prélèvement net | | | | | | |
| <u>Utilisation</u> | | | | | | |
| Emploi et utilisation sur les chantiers | | | | | | |
| Emploi et utilisation dans les collecteurs | | | | | | |
| Emploi et utilisation dans les usines de traitement: | | | | | | |
| Pertes en cours de traitement | | | | | | |
| Autres emplois et utilisations | | | | | | |
| Autres utilisations | | | | | | |
| Ajustements | | | | | | |
| Livraisons de gaz marchand | | | | | | |
| Total de l'utilisation | | | | | | |
| <u>B. DISTRIBUTION DE GAZ</u> | | | | | | |
| <u>Approvisionnement</u> | | | | | | |
| <u>Arrivages de gaz marchand</u> | | | | | | |
| Usines | | | | | | |
| Gisements | | | | | | |
| Total (14a + 14b) | | | | | | |
| Déstockage par les distributeurs | | | | | | |
| Importations | | | | | | |
| Autres arrivages(1) | | | | | | |
| Approvisionnement total en gaz marchand (15 + 16 + 17 + 17a). | | | | | | |
| <u>Ventes</u> | | | | | | |
| Colombie-Britannique | | | | | | |
| Alberta | | | | | | |
| Saskatchewan | | | | | | |
| Manitoba | | | | | | |
| Ontario | | | | | | |
| Québec | | | | | | |
| Nouveau-Brunswick | | | | | | |
| Total des ventes (de 19 à 25 inclusivement) ... | | | | | | |
| Exportations | | | | | | |
| Autres livraisons(2) | | | | | | |
| Livraison à l'entrepôt de stockage des distributeurs | | | | | | |
| Fluctuation du volume de gaz dans le réseau | | | | | | |
| Gaz consommé dans le réseau | | | | | | |
| Perte dans les pipe-lines, etc. | | | | | | |
| Total de l'utilisation de gaz marchand (de 26 à 32 inclusivement). | | | | | | |

(1) Gaz de pétrole liquéfiés destinés à enrichir les gaz, à compenser l'accroissement de la demande aux périodes de pointe ou à faire face à des utilisateurs provisoires. (2) Livraison directe à la consommation industrielle et livraison pour distributions diverses. ... N'ayant pas lieu de figurer.

TABLE 4. Net new Production of Natural Gas by Month, by Province,
December 1970

TABLEAU 4. Production originale nette de gaz naturel par mois et par province,
décembre 1970

| Month - Mois | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Saskatchewan | Alberta | British Columbia — Colombie-Britannique | Northwest Territories — Territoires du Nord-Ouest | Canada |
|---|--------------------------------------|---------|------------|--------------|---------------|--|--|---------------|
| McF. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | | | | |
| January - Janvier | 14,633 | 16,082 | 1,512,754 | 6,127,187 | 188,162,762 | 31,808,228 | 5,919 | 227,647,565 |
| February - Février | 13,576 | 13,643 | 1,411,046 | 5,358,793 | 171,779,849 | 27,785,660 | 4,867 | 206,367,434 |
| March - Mars | 15,132 | 13,149 | 1,587,706 | 6,028,294 | 189,671,562 | 30,137,466 | 3,141 | 227,456,450 |
| April - Avril | 10,595 | 16,972 | 1,651,578 | 5,395,983 | 178,035,388 | 28,224,476 | 2,383 | 213,337,375 |
| May - Mai | 9,413 | 11,773 | 1,569,602 | 5,073,143 | 172,001,662 | 24,817,728 | 1,496 | 203,484,817 |
| June - Juin | 8,690 | 12,584 | 1,520,212 | 4,464,732 | 149,231,120 | 21,102,954 | 1,177 | 176,341,469 |
| July - Juillet | 8,763 | 9,565 | 1,287,006 | 3,505,133 | 154,746,012 | 21,955,793 | 1,092 | 181,513,364 |
| August - Août | 8,729 | 10,796 | 1,061,824 | 3,025,066 | 162,992,275 | 23,427,559 | 783 | 190,527,032 |
| September - Septembre | 8,927 | 13,062 | 1,214,608 | 4,021,751 | 169,852,502 | 26,863,744 | 3,210 | 201,977,804 |
| October - Octobre | 9,714 | 14,404 | 1,248,072 | 6,206,111 | 177,629,866 | 30,977,847 | 14,830 | 216,100,844 |
| November - Novembre ... | 10,879 | 15,765 | 1,303,718 | 6,435,017 | 194,925,128 | 31,101,210 | 21,984 | 233,813,701 |
| December - Décembre ... | 12,109 | 18,030 | 1,695,767 | 6,746,348 | 214,568,742 | 33,638,254 | 21,057 | 256,700,307 |
| Year to date - Total - Cumulatif de l'année | 131,160 | 165,825 | 17,063,893 | 62,387,558 | 2,123,596,868 | 331,840,919 | 81,939 | 2,535,268,162 |
| Total December - 1969 - Décembre | 10,236 | 15,326 | 1,151,834 | 6,243,003 | 182,089,695 | 30,812,353 | 4,991 | 220,327,438 |

TABLE 5. Gas Processing Plant Production of Sulphur by Month, by Province,
December 1970

TABLEAU 5. Production de soufre par les usines de traitement, par mois et par province,
décembre 1970

| Month - Mois | Saskatchewan | Alberta | British Columbia — Colombie-Britannique | Canada |
|---|--------------|-----------|--|-----------|
| short tons — en tonnes courtes | | | | |
| January - Janvier | 289 | 384,616 | 6,021 | 390,926 |
| February - Février | 121 | 361,820 | 5,277 | 367,218 |
| March - Mars | 161 | 410,184 | 6,166 | 416,511 |
| April - Avril | 195 | 410,152 | 5,317 | 415,664 |
| May - Mai | 293 | 364,647 | 4,188 | 369,128 |
| June - Juin | 250 | 320,993 | 5,137 | 326,380 |
| July - Juillet | 241 | 374,677 | 5,425 | 380,343 |
| August - Août | 293 | 387,064 | 3,998 | 391,355 |
| September - Septembre | 258 | 400,138 | 4,791 | 405,187 |
| October - Octobre | 222 | 405,665 | 6,571 | 412,458 |
| November - Novembre | 82 | 420,747 | 5,814 | 426,643 |
| December - Décembre | 293 | 442,728 | 5,793 | 448,814 |
| Year to date - Total - Cumulatif de l'année | 2,698 | 4,683,431 | 64,498 | 4,750,627 |
| Total December - 1969 - Décembre | 295 | 377,549 | 5,744 | 383,588 |

TABLE 5. Supply of Gas Processing Plant Propane, Butanes and Sulphur,
December 1970

TABLE 5. Approvisionnement en propane, en butanes et en soufre par les usines de traitement en
décembre 1970

| | Propane | Butanes | Sulphur — Soufre |
|---|-----------|--------------------------------|------------------------|
| barrels — barils | | short tons — en tonnes courtes | |
| <u>Production</u> | | | |
| Saskatchewan | 66,609 | 30,487 | 293 |
| Alberta | 1,963,932 | 1,278,118 | 442,728 |
| British Columbia — Colombie-Britannique | 39,468 | 46,900 | 5,793 |
| Canada | 2,070,009 | 1,355,505 | 448,814 |
| <u>Returned to formation — Reprise pour l'injection</u> | | | |
| Saskatchewan | — | — | ... |
| Alberta | 10,690 | 5,412 | ... |
| British Columbia — Colombie-Britannique | — | — | ... |
| Canada | 10,690 | 5,412 | ... |
| <u>Net withdrawals — Prélèvement net</u> | | | |
| Saskatchewan | 66,609 | 30,487 | ... |
| Alberta | 1,953,242 | 1,272,706 | ... |
| British Columbia — Colombie-Britannique | 39,468 | 46,900 | ... |
| Canada | 2,059,319 | 1,350,093 | ... |

... Figures not appropriate or not applicable. — N'ayant pas lieu de figurer.

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

| No. | | New Brunswick — Nouveau- Brunswick | Ontario | Manitoba | Saskatchewan | Alberta |
|---|---------------------------------|--|-----------|-----------|--------------|-------------|
| barrels of 35 Canadian gallons — barils de 35 gallons canadiens | | | | | | |
| <u>Supply</u> | | | | | | |
| | <u>Domestic production</u> | | | | | |
| 1 | Crude oil | 9,176 | 1,161,611 | 6,204,651 | 87,413,988 | 286,577,128 |
| 2 | Synthetic crude oil | — | — | — | — | 10,086,981 |
| 3 | Less returned to formation | — | — | — | — | 7,375,223 |
| 4 | Total | 9,176 | 1,161,611 | 6,204,651 | 87,413,988 | 289,288,886 |
| 5 | Condensate | — | — | — | — | 722,816 |
| 6 | Pentanes plus | — | — | — | 376,869 | 36,412,082 |
| 7 | Net withdrawals | 9,176 | 1,161,611 | 6,204,651 | 87,790,857 | 326,423,784 |
| 8 | Imports | ... | ... | ... | ... | ... |
| 9 | Total supply | 9,176 | 1,161,611 | 6,204,651 | 87,790,857 | 326,423,784 |
| <u>Disposition</u> | | | | | | |
| | <u>Deliveries to refineries</u> | | | | | |
| 10 | Atlantic Provinces | — | — | — | — | — |
| 11 | Quebec | — | — | — | — | — |
| 12 | Ontario | — | 1,161,611 | 4,139,871 | 49,491,804 | 69,603,267 |
| 13 | Manitoba | — | — | 195,732 | 8,312,432 | 6,299,811 |
| 14 | Saskatchewan | — | — | — | 1,973,430 | 21,598,496 |
| 15 | Alberta | — | — | — | — | 39,656,792 |
| 16 | British Columbia | — | — | — | — | 16,849,534 |
| 17 | Northwest Territories | — | — | — | — | — |
| 18 | Total | — | 1,161,611 | 4,335,603 | 59,777,666 | 154,007,710 |
| | <u>Exports to U.S.A.</u> | | | | | |
| | <u>Petroleum Administration</u> | | | | | |
| 19 | District I | — | — | — | 1,505,326 | 24,850,412 |
| 20 | II | — | — | 1,946,978 | 25,962,811 | 60,164,379 |
| 21 | IV | — | — | — | — | 12,494,960 |
| 22 | V | — | — | — | — | 70,704,593 |
| 23 | Total | — | — | 1,946,978 | 27,468,137 | 168,214,344 |
| | <u>Inventories</u> | | | | | |
| 24 | Opening - Field and plant .. | 5,769 | — | 71,621 | 453,587 | 1,677,804 |
| 25 | Transporters' | — | — | 94,621 | 5,059,221 | 26,105,946 |
| 26 | Closing - Field and plant .. | 1,697 | — | 63,596 | 406,251 | 1,694,867 |
| 27 | Transporters' | — | — | 16,481 | 5,298,904 | 28,908,805 |
| 28 | Net change | — 4,072 | — | — 86,165 | 192,347 | 2,819,922 |
| 29 | Deliveries to other purchasers | 12,849 | — | — | — | 35,396 |
| 30 | Pipeline fuel | — | — | — | — | 174,351 |
| 31 | Field and plant use | 40 | — | — | 133,288 | 664,532 |
| 32 | Losses and adjustments | 359 | — | 8,235 | 219,419 | 507,529 |
| 33 | Total disposition | 9,176 | 1,161,611 | 6,204,651 | 87,790,857 | 326,423,784 |

... Figures not appropriate or not applicable.

^r Revised figures.

TABLEAU 7. Approvisionnement et emploi, pétrole brut et hydrocarbures équivalents, par source, ensemble du Canada, 1969*

| British Columbia | Northwest Territories | Total Canadian sources Total de source canadienne | Total Foreign sources Total de source étrangère | Total all sources Total général | N° |
|---|-----------------------|--|--|--|--|
| barrels of 35 Canadian gallons - barils de 35 gallons canadiens | | | | | |
| | | | | | <u>Approvisionnement</u> |
| | | | | | <u>Production intérieure</u> |
| 25,309,036 | 876,362 | 407,551,952 10,086,981 7,450,244 | ... | 407,551,952 10,086,981 7,450,244 | 1 2 3 |
| - | - | | | | Total |
| - | 75,021 | | | | 4 |
| 25,309,036 | 801,341 | 410,188,689 | ... | 410,188,689 | |
| 78,147 | - | 800,963 | ... | 800,963 | |
| 944,111 | - | 37,733,062 | ... | 37,733,062 | |
| 26,331,294 | 801,341 | 448,722,714 | ... | 448,722,714 | |
| ... | ... | ... | 190,506,703 | 190,506,703 | |
| 26,331,294 | 801,341 | 448,722,714 | 190,506,703 | 639,229,417 | |
| | | | | | <u>Utilisation</u> |
| | | | | | <u>Livraisons aux raffineries</u> |
| - | - | - | 45,596,289 | 45,596,289 | 10 |
| - | - | - | 144,461,221 | 144,461,221 | 11 |
| - | - | 124,396,533 | 421,571 | 124,818,104 | 12 |
| - | - | 14,808,005 | - | 14,808,005 | 13 |
| - | - | 23,571,726 | - | 23,571,726 | 14 |
| - | - | 39,656,792 | - | 39,656,792 | 15 |
| 21,998,054 | - | 38,847,588 | - | 38,847,588 | 16 |
| - | 754,090 | 754,090 | - | 754,090 | Territoires du Nord-Ouest |
| 21,998,054 | 754,090 | 242,034,734 | 190,479,081 | 432,513,815 | 17 |
| | | | | | Total |
| | | | | | 18 |
| | | | | | <u>Exportations vers les États-Unis</u> |
| | | | | | Petroleum Administration |
| - | - | 26,355,738 | - | 26,355,738 | District I |
| - | - | 88,074,168 | - | 88,074,168 | II |
| - | - | 12,494,960 | - | 12,494,960 | IV |
| 5,088,823 | - | 75,793,416 | - | 75,793,416 | V |
| 5,088,823 | - | 202,718,282 | - | 202,718,282 | Total |
| | | | | | 23 |
| | | | | | <u>Stocks</u> |
| - 17,221 | 73,232 | 2,264,792 | - | 2,264,792 | Début d'exercice - Gisements et usines de traitement |
| 1,325,394 | - | 32,585,182 | 359,835 | 32,945,017 | 24 |
| 71,994 | 109,418 | 2,347,823 | - | 2,347,823 | - Transporteurs |
| 1,142,435 | - | 35,366,625 | 359,835 | 35,726,460 | Fin d'exercice - Gisements et usines de traitement |
| - 93,744 | 36,186 | 2,864,474 | - | 2,864,474 | - Transporteurs |
| 5,998 | 11,065 | 65,308 | - | 65,308 | 25 |
| - | - | 174,351 | - | 174,351 | Livraison à d'autres acheteurs |
| - | - | 797,860 | - | 797,860 | Carburants consommés par les pipe-lines |
| - 667,837 | - | 67,705 | 27,622 | 95,327 | Consommation des gisements et usines de traitement |
| 26,331,294 | 801,341 | 448,722,714 | 190,506,703 | 639,229,417 | Pertes et ajustements |
| | | | | | Total de l'utilisation |
| | | | | | 33 |

* N'ayant pas lieu de figurer.

† Nombres rectifiés.

TABLE 8. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada,
1970

| No. | | New Brunswick — Nouveau- Brunswick | Ontario | Manitoba | Saskatchewan | Alberta |
|---|--------------------------------|--|-----------|-----------|--------------|-------------|
| barrels of 35 Canadian gallons — barils de 35 gallons canadiens | | | | | | |
| <u>Supply</u> | | | | | | |
| <u>Domestic production</u> | | | | | | |
| 1 | Crude oil | 9,675 | 1,048,168 | 5,908,389 | 89,480,531 | 329,711,396 |
| 2 | Synthetic crude oil | — | — | — | — | 12,081,723 |
| 3 | Less returned to formation | — | — | — | — | 4,119,250 |
| 4 | Total | 9,675 | 1,048,168 | 5,908,389 | 89,480,531 | 337,673,869 |
| 5 | Condensate | — | — | — | — | 729,372 |
| 6 | Fentanes plus | — | 371,492 | — | 407,464 | 41,894,798 |
| 7 | Net withdrawals | 9,675 | 1,419,660 | 5,908,389 | 89,887,995 | 380,298,039 |
| 8 | Imports | ... | ... | ... | ... | ... |
| 9 | Total supply | 9,675 | 1,419,660 | 5,908,389 | 89,887,995 | 380,298,039 |
| <u>Disposition</u> | | | | | | |
| <u>Deliveries to refineries</u> | | | | | | |
| 10 | Atlantic Provinces | — | — | — | — | — |
| 11 | Quebec | — | — | — | — | — |
| 12 | Ontario | — | 1,417,739 | 3,721,220 | 45,673,038 | 84,386,815 |
| 13 | Manitoba | — | — | 188,858 | 8,234,122 | 7,169,040 |
| 14 | Saskatchewan | — | — | — | 2,721,738 | 20,638,066 |
| 15 | Alberta | — | — | — | — | 40,326,587 |
| 16 | British Columbia | — | — | — | — | 20,221,320 |
| 17 | Northwest Territories | — | — | — | — | — |
| 18 | Total | — | 1,417,739 | 3,910,078 | 56,628,898 | 172,741,823 |
| <u>Exports to U.S.A.</u> | | | | | | |
| <u>Petroleum Administration</u> | | | | | | |
| 19 | District I | — | — | — | 1,456,347 | 27,342,390 |
| 20 | II | — | — | 2,005,132 | 32,444,486 | 83,475,836 |
| 21 | IV | — | — | — | — | 18,162,709 |
| 22 | V | — | — | — | — | 75,860,209 |
| 23 | Total | — | — | 2,005,132 | 33,900,833 | 204,841,144 |
| <u>Inventories</u> | | | | | | |
| 24 | Opening - Field and plant .. | 1,697 | — | 63,596 | 442,963 | 1,694,867 |
| 25 | Transporters' | — | — | 16,481 | 5,298,904 | 28,908,805 |
| 26 | Closing - Field and plant .. | 2,734 | — | 54,354 | 503,875 | 1,745,806 |
| 27 | Transporters' | — | — | 15,602 | 4,955,122 | 30,307,777 |
| 28 | Net change | 1,037 | — | — 10,121 | — 282,870 | 1,449,911 |
| 29 | Deliveries to other purchasers | 7,526 | — | — | — | 39,576 |
| 30 | Pipeline fuel | — | — | — | — | 170,923 |
| 31 | Field and plant use | 12 | — | — | 185,453 | 756,797 |
| 32 | Losses and adjustments | 1,100 | 1,921 | 3,300 | — 544,319 | 297,865 |
| 33 | Total disposition | 9,675 | 1,419,660 | 5,908,389 | 89,887,995 | 380,298,039 |

... Figures not appropriate or not applicable.

TABLEAU 8. Approvisionnement et emploi, pétrole brut et hydrocarbures équivalents, par source, ensemble du Canada, 1970

| British Columbia | Northwest Territories | Total Canadian sources | Total Foreign sources | Total all sources | | N° |
|---|---------------------------|----------------------------|---------------------------|-------------------|--|----|
| Colombie-Britannique | Territoires du Nord-Ouest | Total de source canadienne | Total de source étrangère | Total général | | |
| barrels of 35 Canadian gallons - barils de 35 gallons canadiens | | | | | | |
| 25,362,633 | 954,152 | 452,474,944 | ... | 452,474,944 | | |
| - | - | 12,081,723 | ... | 12,081,723 | | 1 |
| - | 108,149 | 4,227,399 | ... | 4,227,399 | | 2 |
| 25,362,633 | 846,003 | 460,329,268 | ... | 460,329,268 | | 3 |
| 116,659 | - | 846,031 | ... | 846,031 | | |
| 1,003,138 | - | 43,676,892 | ... | 43,676,892 | | |
| 26,482,430 | 846,003 | 504,852,191 | ... | 504,852,191 | | |
| ... | ... | ... | 208,362,691 | 208,362,691 | | |
| 26,482,430 | 846,003 | 504,852,191 | 208,362,691 | 713,214,882 | | |
| <u>Approvisionnement</u> | | | | | | |
| <u>Production intérieure</u> | | | | | | |
| Pétrole brut | | | | | | 4 |
| Pétrole brut synthétique | | | | | | 5 |
| Moins: repris pour l'injection | | | | | | 6 |
| Total | | | | | | 7 |
| Condensats | | | | | | 8 |
| Pentanes plus | | | | | | 9 |
| Prélèvement net | | | | | | |
| Importations | | | | | | |
| Approvisionnement total | | | | | | |
| <u>Utilisation</u> | | | | | | |
| <u>Livraisons aux raffineries</u> | | | | | | |
| Provinces Atlantiques | | | | | | 10 |
| Québec | | | | | | 11 |
| Ontario | | | | | | 12 |
| Manitoba | | | | | | 13 |
| Saskatchewan | | | | | | 14 |
| Alberta | | | | | | 15 |
| Colombie-Britannique | | | | | | 16 |
| Territoires du Nord-Ouest | | | | | | 17 |
| Total | | | | | | 18 |
| <u>Exportations vers les États-Unis</u> | | | | | | |
| <u>Petroleum Administration</u> | | | | | | |
| District I | | | | | | 19 |
| II | | | | | | 20 |
| IV | | | | | | 21 |
| V | | | | | | 22 |
| Total | | | | | | 23 |
| <u>Stocks</u> | | | | | | |
| Début d'exercice - Gisements et usines de traitement. | | | | | | 24 |
| - Transporteurs | | | | | | 25 |
| Fin d'exercice - Gisements et usines de traitement. | | | | | | 26 |
| - Transporteurs | | | | | | 27 |
| Variation nette | | | | | | 28 |
| Livraison à d'autres acheteurs | | | | | | 29 |
| Carburants consommés par les pipe-lines. | | | | | | 30 |
| Consommation des gisements et usines de traitement. | | | | | | 31 |
| Pertes et ajustements | | | | | | 32 |
| Total de l'utilisation | | | | | | 33 |

... N'ayant pas lieu de figurer.

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

| No. | | New Brunswick — Nouveau- Brunswick | Québec | Ontario | Saskatchewan | Alberta |
|---|---|--|---------|------------|--------------|---------------|
| Mcf. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | | |
| <u>A. FIELD AND PROCESSING PLANTS</u> | | | | | | |
| | <u>Supply</u> | | | | | |
| 1 | Gross new production | 106,520 | 137,897 | 11,332,097 | 69,699,931 | 1,883,369,993 |
| 2 | Less field flared and waste | — | — | — | 11,037,413 | 60,879,431 |
| 3 | Net new production (1 - 2) | 106,520 | 137,897 | 11,332,097 | 58,662,518 | 1,822,490,562 |
| 4 | Reproduced | — | — | — | — | — |
| 5 | Less injected and stored | — | — | — | 6,641 | 216,832,085 |
| 6 | Net withdrawals | 106,520 | 137,897 | 11,332,097 | 58,655,877 | 1,605,658,477 |
| | <u>Disposition</u> | | | | | |
| 7 | Field disposition and uses | 2,444 | — | — | 4,669,776 | 7,688,698 |
| 8 | Gathering system disposition and uses | — | — | — | 715,402 | 2,783,076 |
| 9 | Processing plant disposition and uses: | | | | | |
| 9a | Processing shrinkage | — | — | — | 2,318,797 | 229,363,265 |
| 9b | Other disposition and uses | — | — | — | 2,369,120 | 82,508,267 |
| 10 | Other uses | — | — | — | 618,114 | 1,076,537 |
| 11 | Adjustment | — | — | — | 606,984 | — 11,058,576 |
| 12 | Deliveries of marketable gas | 104,076 | 137,897 | 11,332,097 | 48,571,652 | 1,293,297,210 |
| 13 | Total disposition | 106,520 | 137,897 | 11,332,097 | 58,655,877 | 1,605,658,477 |
| <u>B. GAS UTILITIES</u> | | | | | | |
| | <u>Supply</u> | | | | | |
| 14 | Receipts of marketable gas | | | | | |
| 14a | Plants | — | — | — | 21,261,180 | 1,063,941,285 |
| 14b | Fields | 104,076 | 137,897 | 11,332,097 | 27,310,472 | 229,355,925 |
| 15 | Total (14a + 14b) | 104,076 | 137,897 | 11,332,097 | 48,571,652 | 1,293,297,210 |
| 16 | Receipts from distributor storage | — | — | 56,837,037 | 5,636,109 | 2,551,024 |
| 17 | Imports | — | — | — | — | — |
| 17a | Other receipts(1) | — | — | 2,177 | — | 865,134 |
| 18 | Total supply of marketable gas (15 + 16 + 17 + 17a). | 104,076 | 137,897 | 68,171,311 | 54,207,761 | 1,296,713,368 |
| | <u>Disposition</u> | | | | | |
| | <u>Sales</u> | | | | | |
| 19 | British Columbia | — | — | — | — | 12,078,623 |
| 20 | Alberta | — | — | — | — | 226,694,829 |
| 21 | Saskatchewan | — | — | — | 34,823,914 | 44,019,194 |
| 22 | Manitoba | — | — | — | — | 47,398,425 |
| 23 | Ontario | — | — | 67,606,373 | — | 249,031,304 |
| 24 | Quebec | — | 137,897 | — | — | 50,657,907 |
| 25 | New Brunswick | 58,825 | — | — | — | — |
| 26 | Total sales (19 to 25 inclusive) | 58,825 | 137,897 | 67,606,373 | 34,823,914 | 629,880,282 |
| 27 | Exports | — | — | — | — | 523,152,127 |
| 28 | Other deliveries(2) | — | — | — | — | 13,297,187 |
| 29 | Delivered to distributor storage | — | — | — | 6,505,331 | 59,795,028 |
| 30 | Line pack fluctuation | — | — | — | 484,533 | 2,655,553 |
| 31 | Pipeline fuel | — | — | 427,996 | 8,352,137 | 51,082,538 |
| 32 | Pipeline losses, etc. | 45,251 | — | 136,942 | 4,041,846 | 16,850,653 |
| 33 | Total disposition of marketable gas (26 to 32 inclusive). | 104,076 | 137,897 | 68,171,311 | 54,207,761 | 1,296,713,368 |

(1) L.P.G. for gas enrichment, peak shaving or temporary supply. (2) Direct deliveries for industrial consumption and miscellaneous utility deliveries. ... Figures not appropriate or not applicable. ^r Revised figures.

TABLEAU 9. Approvisionnement et utilisation de gaz naturel, par source, Canada, 1969^r

| British Columbia | Northwest Territories | Total Canadian sources | Total foreign sources | Total all sources | N° |
|---|---------------------------|----------------------------|---------------------------|-------------------|----|
| Colombie-Britannique | Territoires du Nord-Ouest | Total de source canadienne | Total de source étrangère | Total général | |
| Mcf. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | |
| 322,527,686 | 684,177 | 2,287,858,301 | ... | 2,287,858,301 | |
| 12,472,051 | 640,454 | 85,029,349 | ... | 85,029,349 | |
| 310,055,635 | 43,723 | 2,202,828,952 | ... | 2,202,828,952 | |
| — | — | — | ... | — | |
| 8,057,812 | — | 224,896,538 | ... | 224,896,538 | |
| 301,997,823 | 43,723 | 1,977,932,414 | ... | 1,977,932,414 | |
| | | | | | |
| 8,581,720 | — | 20,942,638 | ... | 20,942,638 | |
| 1,847,806 | — | 5,346,284 | ... | 5,346,284 | |
| 6,630,367 | — | 238,312,429 | ... | 238,312,429 | |
| 33,261,542 | — | 118,138,929 | ... | 118,138,929 | |
| — 1,298,555 | 43,723 | 1,738,374 | ... | 1,738,374 | |
| 252,974,943 | — | — 12,964,115 | ... | — 12,964,115 | |
| 301,997,823 | 43,723 | 1,606,417,875 | ... | 1,606,417,875 | |
| | | | | | |
| 247,956,372 | — | 1,333,158,837 | ... | 1,333,158,837 | |
| 5,018,571 | — | 273,259,038 | ... | 273,259,038 | |
| 252,974,943 | — | 1,606,417,875 | ... | 1,606,417,875 | |
| — | — | 65,024,170 | ... | 65,024,170 | |
| — | — | — | 34,935,563 | 34,935,563 | |
| 15,977 | — | 883,288 | — | 883,288 | |
| 252,990,920 | — | 1,672,325,333 | 34,935,563 | 1,707,260,896 | |
| | | | | | |
| 77,270,518 | — | 89,349,141 | — | 89,349,141 | |
| — | — | 226,694,829 | 112,315 | 226,807,144 | |
| — | — | 78,843,108 | — | 78,843,108 | |
| — | — | 47,398,425 | — | 47,398,425 | |
| — | — | 316,637,677 | 34,823,261 | 351,460,938 | |
| — | — | 50,795,804 | — | 50,795,804 | |
| — | — | 58,825 | — | 58,825 | |
| 77,270,518 | — | 809,777,809 | 34,935,576 | 844,713,385 | |
| 156,957,268 | — | 680,109,395 | — | 680,109,395 | |
| — | — | 13,297,187 | — | 13,297,187 | |
| — | — | 66,300,359 | — | 66,300,359 | |
| 481,533 | — | 3,621,619 | — | 3,621,619 | |
| 15,462,583 | — | 75,325,254 | — | 75,325,254 | |
| 2,819,018 | — | 23,893,710 | — 13 | 23,893,697 | |
| 252,990,920 | — | 1,672,325,333 | 34,935,563 | 1,707,260,896 | |
| | | | | | |

(1) Gaz de pétrole liquéfiés destinés à enrichir les gaz, à compenser l'accroissement de la demande aux périodes de pointe ou à faire face à des utilisateurs provisoires. (2) Livraison directe à la consommation industrielle et livraison pour distributions diverses. ... N'ayant pas lieu de figurer. ^r Nombre rectifiés.

TABLE 10. Supply and Disposition of Natural Gas by Source, Canada,
1970

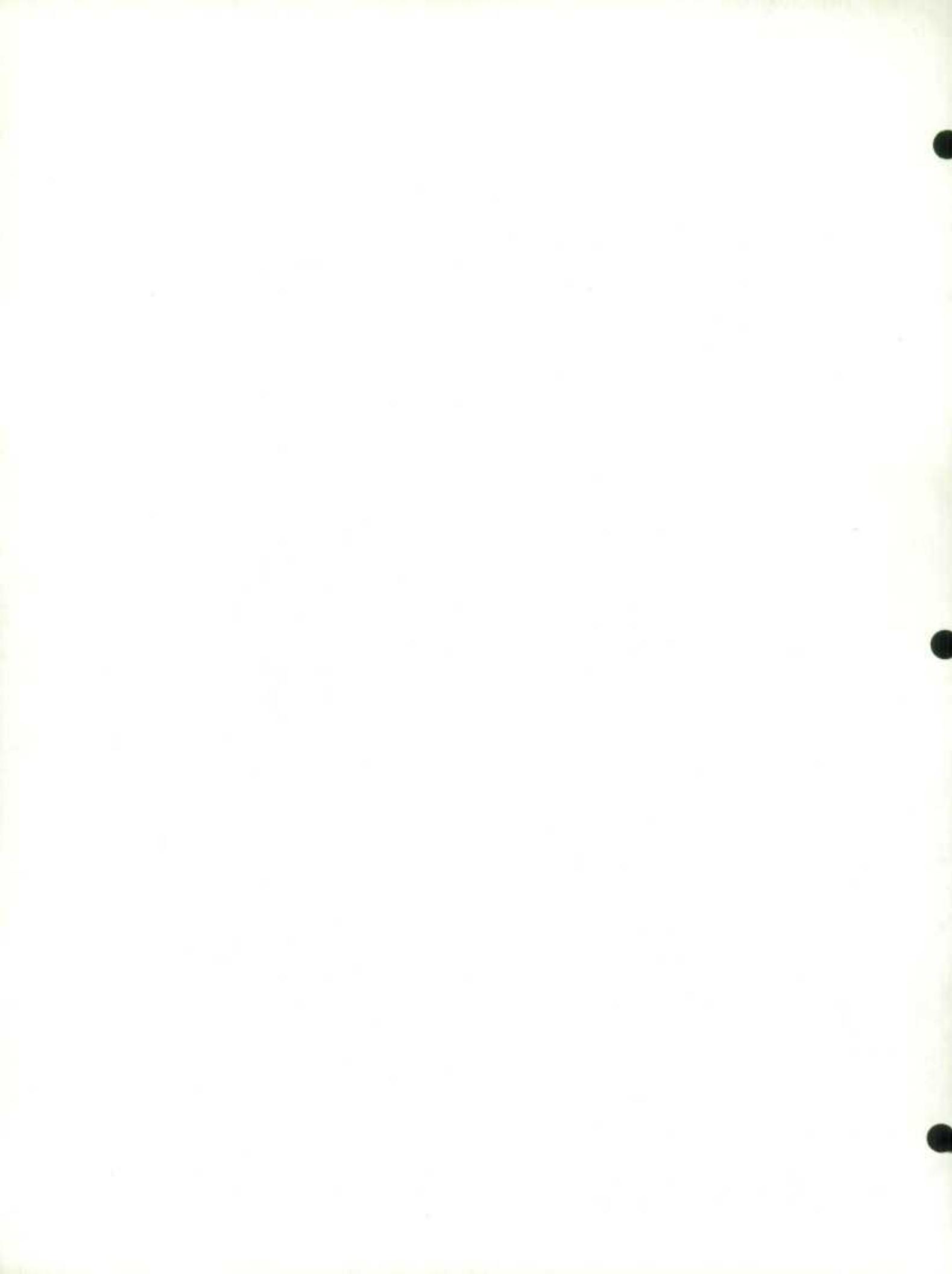
| No. | | New Brunswick — Nouveau- Brunswick | Québec | Ontario | Saskatchewan | Alberta |
|---------------------------------------|---|--|---------|------------|--------------|---------------|
| | Mcf. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | |
| A. FIELD AND PROCESSING PLANTS | | | | | | |
| | <u>Supply</u> | | | | | |
| 1 | Gross new production | 131,160 | 165,825 | 17,063,893 | 78,687,691 | 2,184,366,998 |
| 2 | Less field flared and waste | — | — | — | 16,300,133 | 60,770,130 |
| 3 | Net new production (1 - 2) | 131,160 | 165,825 | 17,063,893 | 62,387,558 | 2,123,596,868 |
| 4 | Reproduced | — | — | — | — | — |
| 5 | Less injected and stored | — | — | — | 12,243 | 253,089,758 |
| 6 | Net withdrawals | 131,160 | 165,825 | 17,063,893 | 62,375,315 | 1,870,507,110 |
| | <u>Disposition</u> | | | | | |
| 7 | Field disposition and uses | 1,849 | — | — | 6,466,362 | 10,626,246 |
| 8 | Gathering system disposition and uses | — | — | — | 667,552 | 3,871,411 |
| 9 | Processing plant disposition and uses: | — | — | — | 2,154,181 | 265,726,945 |
| 9a | Processing shrinkage | — | — | — | 2,523,237 | 94,344,485 |
| 9b | Other disposition and uses | — | — | — | 803,388 | 1,146,873 |
| 10 | Other uses | — | — | — | — | — |
| 11 | Adjustment | — | — | — | 3,952,222 | — 14,088,298 |
| 12 | Deliveries of marketable gas | 129,311 | 165,825 | 17,063,893 | 53,712,817 | 1,508,879,448 |
| 13 | Total disposition | 131,160 | 165,825 | 17,063,893 | 62,375,315 | 1,870,507,110 |
| B. GAS UTILITIES | | | | | | |
| | <u>Supply</u> | | | | | |
| 14 | <u>Receipts of marketable gas</u> | | | | | |
| 14a | Plants | — | — | — | 23,217,759 | 1,261,505,657 |
| 14b | Fields | 129,311 | 165,825 | 17,063,893 | 30,495,058 | 247,373,791 |
| 15 | Total (14a + 14b) | 129,311 | 165,825 | 17,063,893 | 53,712,817 | 1,508,879,448 |
| 16 | Receipts from distributor storage | — | 544,055 | 60,798,910 | 6,650,564 | 2,365,614 |
| 17 | Imports | — | — | — | — | — |
| 17a | Other receipts(1) | — | — | 18,211 | — | 1,171,049 |
| 18 | Total supply of marketable gas (15 + 16 + 17 + 17a). | 129,311 | 709,880 | 77,881,014 | 60,363,381 | 1,512,416,111 |
| | <u>Disposition</u> | | | | | |
| | <u>Sales</u> | | | | | |
| 19 | British Columbia | — | — | — | — | 11,693,594 |
| 20 | Alberta | — | — | — | 7,852 | 232,578,377 |
| 21 | Saskatchewan | — | — | — | 46,000,941 | 33,659,199 |
| 22 | Manitoba | — | — | — | 3,161,194 | 48,385,156 |
| 23 | Ontario | — | — | 77,273,543 | — | 317,957,003 |
| 24 | Quebec | — | 709,880 | — | — | 49,994,703 |
| 25 | New Brunswick | 62,062 | — | — | — | — |
| 26 | Total sales (19 to 25 inclusive) | 62,062 | 709,880 | 77,273,543 | 49,169,987 | 694,268,032 |
| 27 | Exports | — | — | — | — | 615,188,139 |
| 28 | Other deliveries(2) | — | — | — | 123,532 | 19,633,638 |
| 29 | Delivered to distributor storage | — | — | — | 6,324,237 | 86,763,976 |
| 30 | Line pack fluctuation | — | — | — | 63,944 | 5,367,243 |
| 31 | Pipeline fuel | 219 | — | 389,043 | 2,440,560 | 66,785,411 |
| 32 | Pipeline losses, etc. | 67,030 | — | 218,428 | 2,241,121 | 24,409,665 |
| 33 | Total disposition of marketable gas (26 to 32 inclusive). | 129,311 | 709,880 | 77,881,014 | 60,363,381 | 1,512,416,111 |

(1) L.P.G. for gas enrichment, peak shaving or temporary supply. (2) Direct deliveries for industrial consumption and miscellaneous utility deliveries. ... Figures not appropriate or not applicable.

TABLEAU 10. Approvisionnement et utilisation de gaz naturel, par source, Canada, 1970

| British Columbia | Northwest Territories | Total Canadian sources | Total foreign sources | Total all sources | | N° |
|---|---------------------------|--|--|--|--|----|
| Colombie-Britannique | Territoires du Nord-Ouest | Total de source canadienne | Total de source étrangère | Total général | | |
| Mcf. at 14.73 p.s.i.a. and 60°F. — en milliers de pieds cubes à une pression absolue de 14.73 livres au pouce carré, sous 60°F. | | | | | | |
| 342,791,467 | 897,031 | 2,624,104,065 | ... | 2,624,104,065 | | |
| 10,950,548 | 815,092 | 88,835,903 | ... | 88,835,903 | | |
| 331,840,919 | 81,939 | 2,535,268,162 | ... | 2,535,268,162 | | |
| — | — | — | ... | — | | |
| 5,607,924 | — | 258,709,925 | ... | 258,709,925 | | |
| 326,232,995 | 81,939 | 2,276,558,237 | ... | 2,276,558,237 | | |
| 11,497,880 — 13,122 | — | 28,592,337 4,525,841 | ... | 28,592,337 4,525,841 | | |
| 6,426,898 37,271,709 | — | 274,308,024 134,139,431 | ... | 274,308,024 134,139,431 | | |
| — 12,236 271,061,866 | 81,939 | 2,032,200 — 18,052,756 1,851,013,160 | ... | 2,032,200 — 18,052,756 1,851,013,160 | | |
| 326,232,995 | 81,939 | 2,276,558,237 | ... | 2,276,558,237 | | |
| 266,357,621 4,704,245 | — | 1,551,081,037 299,932,123 | ... | 1,551,081,037 299,932,123 | | |
| 271,061,866 | — | 1,851,013,160 | ... | 1,851,013,160 | | |
| — 253,335 | — | 70,359,143 — 1,442,595 | ... | 70,359,143 10,859,981 — 1,442,595 | | |
| 271,315,201 | — | 1,922,814,898 | 10,859,981 | 1,933,674,879 | | |
| 85,092,741 | — | 96,786,335 232,586,229 79,660,140 51,546,350 395,230,546 50,704,583 62,062 | — 113,403 — — 10,751,231 — — | 96,786,335 232,699,632 79,660,140 51,546,350 405,981,777 50,704,583 62,062 | | |
| 85,092,741 | — | 906,576,245 | 10,864,634 | 917,440,879 | | |
| 164,298,652 | — | 779,486,791 19,757,170 93,088,213 | — — — | 779,486,791 19,757,170 93,088,213 | | |
| 1,669,753 16,048,045 4,206,010 | — | 7,100,940 85,663,284 31,142,255 | — — — 4,653 | 7,100,940 85,663,284 31,137,602 | | |
| 271,315,201 | — | 1,922,814,898 | 10,859,981 | 1,933,674,879 | | |
| <u>A. GISEMENTS ET USINES DE TRAITEMENT</u> | | | | | | |
| <u>Approvisionnement</u> | | | | | | |
| Production originale brute | | | | | | |
| Moins: gaz brûlés sur les chantiers et pertes | | | | | | |
| Production originale nette (1 - 2) | | | | | | |
| <u>Gaz récupéré</u> | | | | | | |
| Moins gaz injecté et stocké | | | | | | |
| Prélèvement net | | | | | | |
| <u>Utilisation</u> | | | | | | |
| Emploi et utilisation sur les chantiers | | | | | | |
| Emploi et utilisation dans les collecteurs | | | | | | |
| Emploi et utilisation dans les usines de traitement: | | | | | | |
| Pertes en cours de traitement | | | | | | |
| Autres emplois et utilisations | | | | | | |
| Autres utilisations | | | | | | |
| Ajustements | | | | | | |
| Livraisons de gaz marchand | | | | | | |
| Total de l'utilisation | | | | | | |
| <u>B. DISTRIBUTION DE GAZ</u> | | | | | | |
| <u>Approvisionnement</u> | | | | | | |
| <u>Arrivages de gaz marchand</u> | | | | | | |
| Usines | | | | | | |
| Gisements | | | | | | |
| Total (14a + 14b) | | | | | | |
| Déstockage par les distributeurs | | | | | | |
| Importations | | | | | | |
| Autres arrivages(1) | | | | | | |
| Approvisionnement total en gaz marchand (15 + 16 + 17 + 17a). | | | | | | |
| <u>Ventes</u> | | | | | | |
| Colombie-Britannique | | | | | | |
| Alberta | | | | | | |
| Saskatchewan | | | | | | |
| Manitoba | | | | | | |
| Ontario | | | | | | |
| Québec | | | | | | |
| Nouveau-Brunswick | | | | | | |
| Total des ventes (de 19 à 25 inclusivement) ... | | | | | | |
| Exportations | | | | | | |
| Autres livraisons(2) | | | | | | |
| Livraison à l'entrepôt de stockage des distributeurs | | | | | | |
| Fluctuation du volume de gaz dans le réseau | | | | | | |
| Gaz consommé dans le réseau | | | | | | |
| Perte dans les pipe-lines, etc. | | | | | | |
| Total de l'utilisation de gaz marchand (de 26 à 32 inclusivement). | | | | | | |

(1) Gaz de pétrole liquéfiés destinés à enrichir les gaz, à compenser l'accroissement de la demande aux périodes de pointe ou à faire face à des utilisateurs provisoires. (2) Livraison directe à la consommation industrielle et livraison pour distributions diverses. ... N'ayant pas lieu de figurer





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