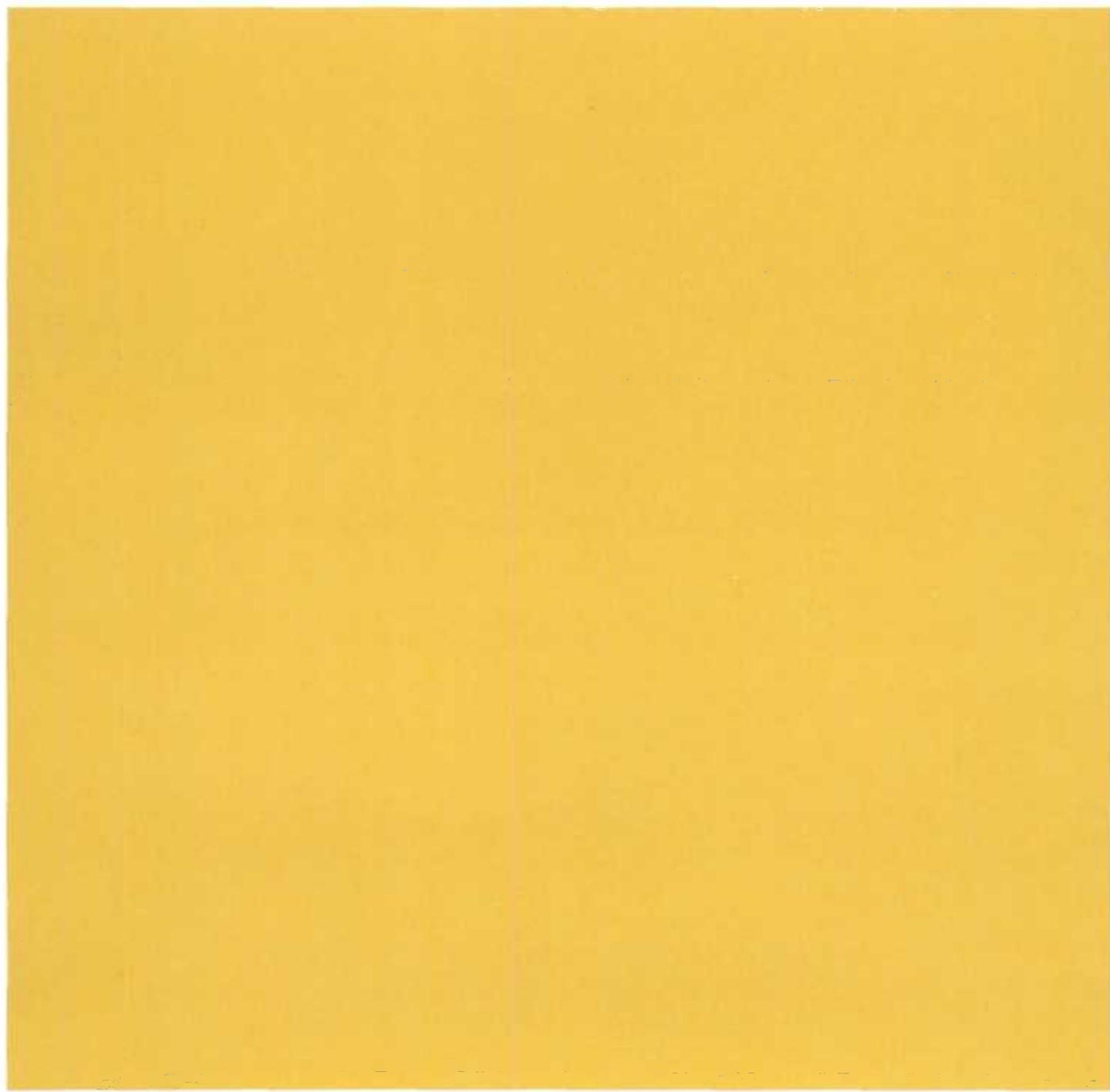


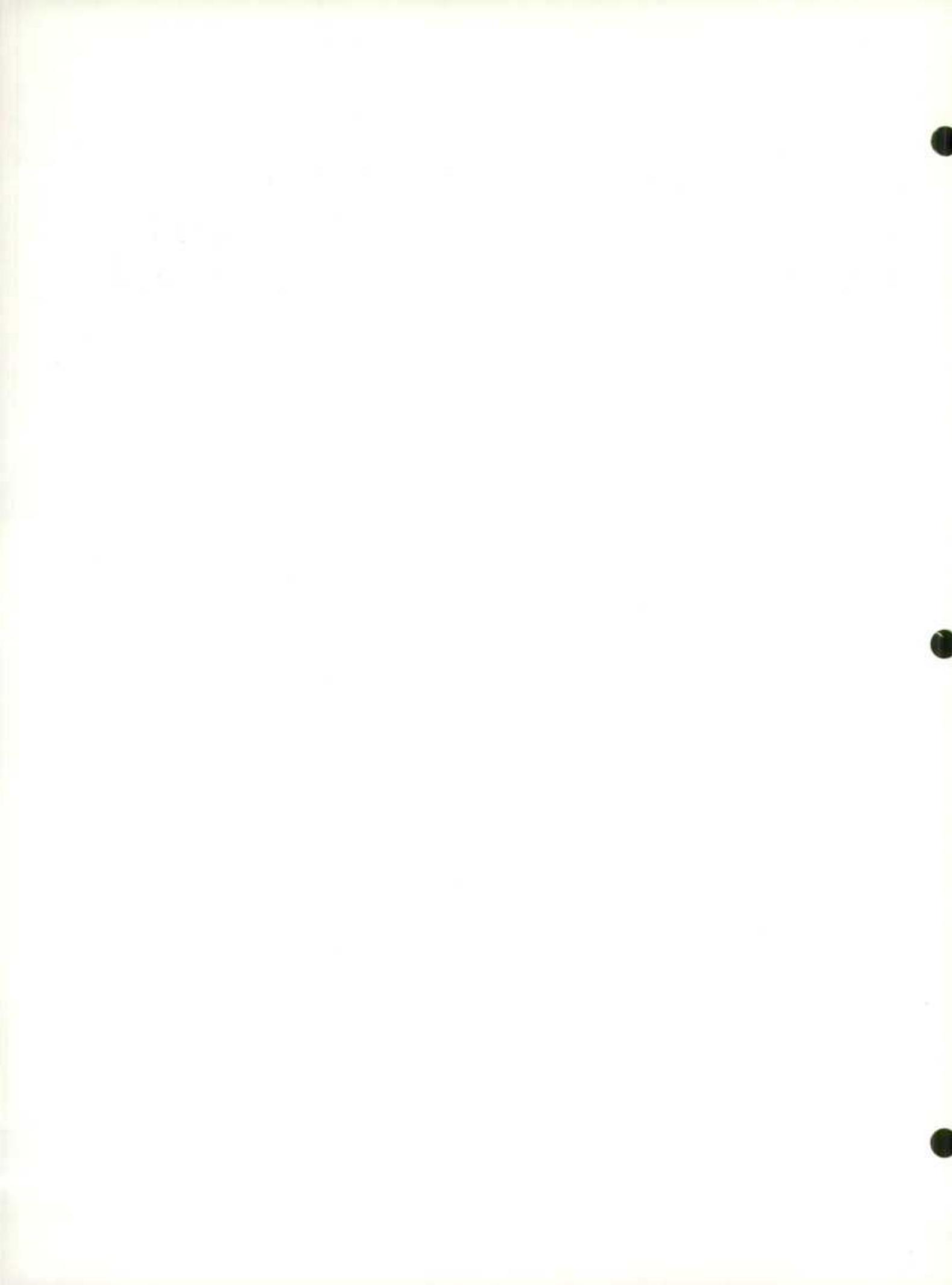
# Crude petroleum and natural gas production

NOVEMBER 1976

# Production de pétrole brut et de gaz naturel

NOVEMBRE 1976





STATISTICS CANADA — STATISTIQUE CANADA

Manufacturing and Primary Industries Division — Division des industries manufacturières et primaires

CRUDE PETROLEUM AND NATURAL GAS  
PRODUCTION

PRODUCTION DE PÉTROLE BRUT ET DE  
GAZ NATUREL

NOVEMBER - 1976 - NOVEMBRE

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## SYMBOLS

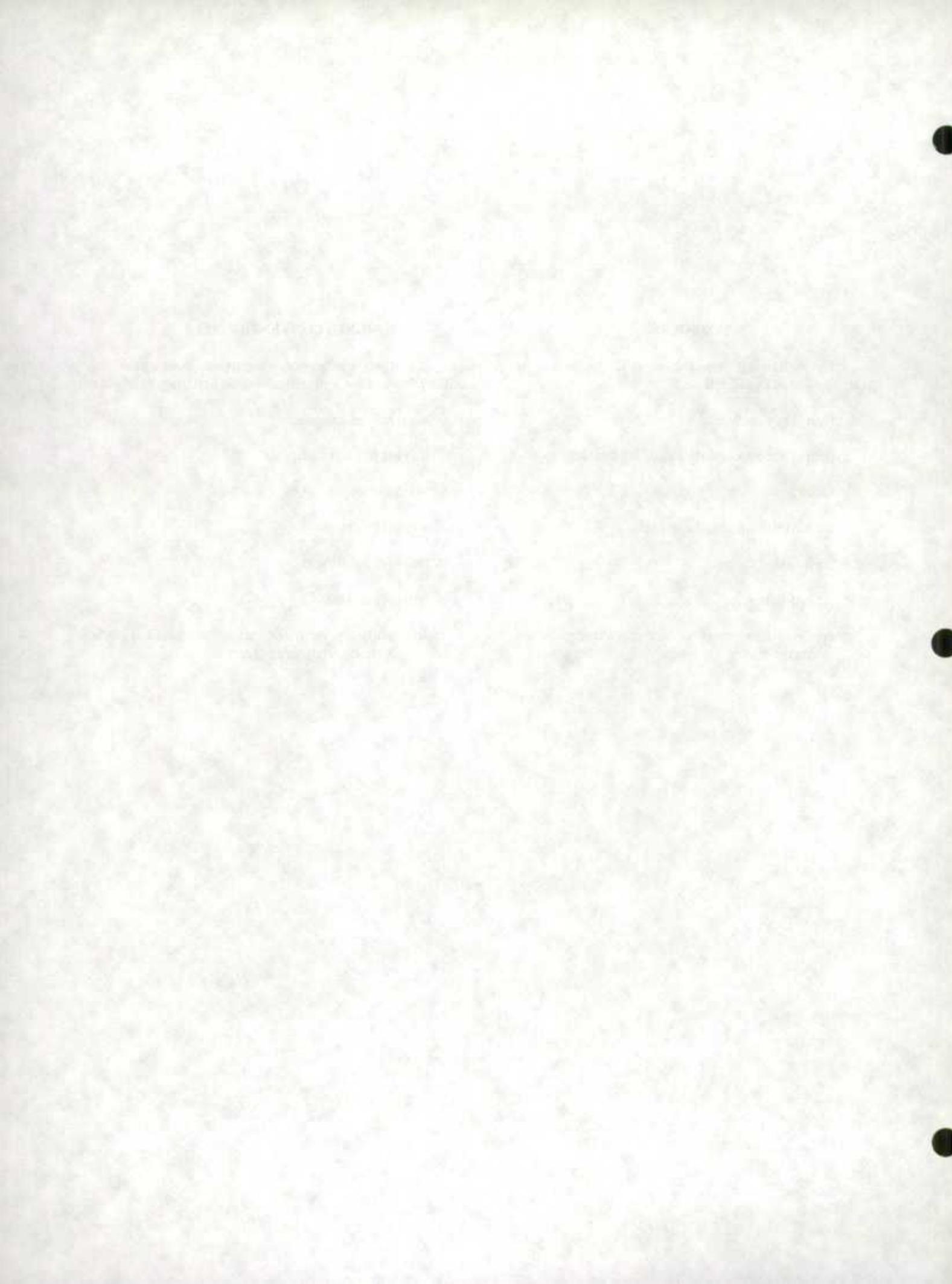
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## INTRODUCTION

NOVEMBER - 1976 - NOVEMBRE

The production of crude petroleum and equivalent hydrocarbons during November 1976 amounted to 44,677,000 barrels or 1,489,000 barrels per day, a decrease of 5.3% or 84,000 barrels per day from November 1975.

The disposition of Canadian crude and equivalent for November 1976 is as follows; 34.4 million barrels (77.0%) were sent to Canadian refineries and 12.8 million barrels (28.6%) were exported. The 5.6% difference between supply and sales is accounted for by inventory change, industry own use, etc. Imported crude for the same period amounted to 20.7 million barrels, or 689,000 barrels per day.

Natural gas production increased 1.6% to 304,154 million cubic feet from 299,288 million cubic feet in November 1975.

The disposition of natural gas for November 1976, is as follows: 18.8 billion cubic feet were net deliveries to storage and injection operations; 52.7 billion were used, and unaccounted for in fields and processing plants; 79.9 billion were exported; 131.2 billion were sold to ultimate customers in Canada. The remaining difference of 21.6 billion cubic feet between production and disposition was accounted for by other deliveries, pipe line fuel, losses, and line pack fluctuations.

En novembre 1976, la production de pétrole brut et d'hydrocarbures équivalents s'est élevée à 44,677,000 barils ou 1,489,000 barils par jour, soit, par rapport à novembre 1975, une diminution de 5.3 % ou de 84,000 barils par jour.

L'utilisation de pétrole brut canadien et d'équivalents au cours du mois de novembre 1976 se répartit de la manière suivante: 34.4 millions de barils (77.0 %) destinés aux raffineries canadiennes et 12.8 millions de barils (28.6 %) destinés à l'exportation. La différence de 5.6 % 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 20.7 millions de barils ou 689,000 barils par jour.

La production de gaz naturel a augmenté de 1.6 %, passant de 299,288 million de pi<sup>3</sup> à 304,154 million de pi<sup>3</sup> entre novembre 1975 et novembre 1976.

Au cours de ce dernier mois, l'utilisation du gaz naturel a été le suivant: 18.8 milliards de pi<sup>3</sup> ont été absorbés par le stockage et l'injection; 52.7 milliards ont été utilisés sur les chantiers et dans les usines de traitement; 79.9 milliards ont été exportés et 131.2 milliards ont été vendus aux consommateurs canadiens. La différence entre la production et l'utilisation, soit 21.6 milliards de pi<sup>3</sup>, représente d'autres livraisons, le carburant utilisé par les pipe-lines, les pertes dans les pipe-lines et les fluctuations de pression dans les réseaux.

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

1976

| No.                             |  | New<br>Brunswick<br>—<br>Nouveau-<br>Brunswick | Ontario | Manitoba | Saskatchewan |  |  |  |  |
|---------------------------------|--|--|---------|----------|--------------|--|--|--|--|
|                                 |  | thousand barrels of 35 Canadian gallons        |         |          |              |  |  |  |  |
| <u>Crude oil and condensate</u> |  |  |         |          |              |  |  |  |  |
|                                 |  |  |         |          |              |  |  |  |  |
| 1                               | January .....  | —  | 48      | 359      | 4,443        |  |  |  |  |
| 2                               | February .....                                       | —  | 51      | 328      | 4,388        |  |  |  |  |
| 3                               | March .....  | 1  | 43      | 352      | 4,477        |  |  |  |  |
| 4                               | April .....  | 1  | 54      | 220      | 3,562        |  |  |  |  |
| 5                               | May .....  | —  | 64      | 327      | 4,985        |  |  |  |  |
| 6                               | June .....   | 1  | 52      | 323      | 5,164        |  |  |  |  |
| 7                               | July .....   | —  | 59      | 348      | 5,542        |  |  |  |  |
| 8                               | August .....   | —  | 55      | 354      | 5,357        |  |  |  |  |
| 9                               | September .....                                      | 1  | 50      | 341      | 4,828        |  |  |  |  |
| 10                              | October .....  | —  | 50      | 351      | 4,642        |  |  |  |  |
| 11                              | November .....                                       | 1  | 50      | 335      | 4,119        |  |  |  |  |
| 12                              | December .....                                       | —  | —       | —        | —            |  |  |  |  |
| 13                              | <u>Total year-to-date</u> .....                      | 5  | 576     | 3,638    | 51,507       |  |  |  |  |
| <u>Pentanes plus</u>            |  |  |         |          |              |  |  |  |  |
|                                 |  |  |         |          |              |  |  |  |  |
| 14                              | January .....  | —  | —       | —        | 12           |  |  |  |  |
| 15                              | February .....                                       | —  | —       | —        | 10           |  |  |  |  |
| 16                              | March .....  | —  | —       | —        | 12           |  |  |  |  |
| 17                              | April .....  | —  | —       | —        | 8            |  |  |  |  |
| 18                              | May .....  | —  | —       | —        | 13           |  |  |  |  |
| 19                              | June .....   | —  | —       | —        | 14           |  |  |  |  |
| 20                              | July .....   | —  | —       | —        | 15           |  |  |  |  |
| 21                              | August .....   | —  | —       | —        | 15           |  |  |  |  |
| 22                              | September .....                                      | —  | —       | —        | 14           |  |  |  |  |
| 23                              | October .....  | —  | —       | —        | 13           |  |  |  |  |
| 24                              | November .....                                       | —  | —       | —        | 13           |  |  |  |  |
| 25                              | December .....                                       | —  | —       | —        | —            |  |  |  |  |
| 26                              | <u>Total year-to-date</u> .....                      | —  | —       | —        | 139          |  |  |  |  |
| <u>Propane</u>                  |  |  |         |          |              |  |  |  |  |
|                                 |  |  |         |          |              |  |  |  |  |
| 27                              | January .....  | —  | —       | —        | 43           |  |  |  |  |
| 28                              | February .....                                       | —  | —       | —        | 39           |  |  |  |  |
| 29                              | March .....  | —  | —       | —        | 43           |  |  |  |  |
| 30                              | April .....  | —  | —       | —        | 32           |  |  |  |  |
| 31                              | May .....  | —  | —       | —        | 44           |  |  |  |  |
| 32                              | June .....   | —  | —       | —        | 46           |  |  |  |  |
| 33                              | July .....   | —  | —       | —        | 45           |  |  |  |  |
| 34                              | August .....   | —  | —       | —        | 47           |  |  |  |  |
| 35                              | September .....                                      | —  | —       | —        | 42           |  |  |  |  |
| 36                              | October .....  | —  | —       | —        | 43           |  |  |  |  |
| 37                              | November .....                                       | —  | —       | —        | 41           |  |  |  |  |
| 38                              | December .....                                       | —  | —       | —        | —            |  |  |  |  |
| 39                              | <u>Total year-to-date</u> .....                      | —  | —       | —        | 465          |  |  |  |  |
| <u>Butanes</u>                  |  |  |         |          |              |  |  |  |  |
|                                 |  |  |         |          |              |  |  |  |  |
| 40                              | January .....  | —  | —       | —        | 17           |  |  |  |  |
| 41                              | February .....                                       | —  | —       | —        | 16           |  |  |  |  |
| 42                              | March .....  | —  | —       | —        | 18           |  |  |  |  |
| 43                              | April .....  | —  | —       | —        | 14           |  |  |  |  |
| 44                              | May .....  | —  | —       | —        | 20           |  |  |  |  |
| 45                              | June .....   | —  | —       | —        | 21           |  |  |  |  |
| 46                              | July .....   | —  | —       | —        | 22           |  |  |  |  |
| 47                              | August .....   | —  | —       | —        | 23           |  |  |  |  |
| 48                              | September .....                                      | —  | —       | —        | 21           |  |  |  |  |
| 49                              | October .....  | —  | —       | —        | 20           |  |  |  |  |
| 50                              | November .....                                       | —  | —       | —        | 19           |  |  |  |  |
| 51                              | December .....                                       | —  | —       | —        | —            |  |  |  |  |
| 52                              | <u>Total year-to-date</u> .....                      | —  | —       | —        | 211          |  |  |  |  |
| 53                              | <u>Total liquid hydrocarbons year-to-date</u> .....  | 5  | 576     | 3,638    | 52,338       |  |  |  |  |
| 54                              | <u>Total liquid hydrocarbons November 1976</u> ..... | 1  | 50      | 335      | 4,192        |  |  |  |  |
| 55                              | <u>Total liquid hydrocarbons November 1975</u> ..... | —  | 51      | 356      | 4,712        |  |  |  |  |

TABLEAU 1. Production d'hydrocarbures liquides par les gisements et les usines de traitement, ventilée par mois et par province,  
1976

| Alberta                                    | British Columbia       | Northwest Territories       | Canada  | N°   |    |
|--|------------------------|-----------------------------|---------|--|----|
|  | - Colombie-Britannique | - Territoires du Nord-Ouest | Canada  |  |    |
| milliers de barils de 35 gallons canadiens |                        |                             |         |  |    |
|  |                        |                             |         | <u>Pétrole brut et condensat</u>                                 |    |
| 34,151                                     | 1,283                  | 117                         | 40,401  | Janvier .....  | 1  |
| 29,630                                     | 1,257                  | 103                         | 35,757  | Février .....  | 2  |
| 30,607                                     | 1,340                  | 92                          | 36,912  | Mars .....   | 3  |
| 28,778                                     | 1,112                  | 65                          | 33,792  | Avril .....  | 4  |
| 34,391                                     | 1,235                  | 35                          | 41,037  | Mai .....  | 5  |
| 36,854                                     | 1,196                  | 100                         | 43,690  | Juin .....   | 6  |
| 31,653                                     | 1,249                  | 99                          | 38,950  | Juillet .....  | 7  |
| 31,177                                     | 1,303                  | 115                         | 38,361  | Août .....   | 8  |
| 30,896                                     | 1,231                  | 58                          | 37,405  | Septembre .....  | 9  |
| 36,220                                     | 1,184                  | 31                          | 42,478  | Octobre .....  | 10 |
| 34,919                                     | 1,252                  | 16                          | 40,692  | Novembre .....   | 11 |
|  |                        |                             |         | Décembre .....   | 12 |
| 359,276                                    | 13,642                 | 831                         | 429,475 | <u>Total cumulatif de l'année .....</u>                          | 13 |
|  |                        |                             |         | <u>Pentanes plus</u>   |    |
| 4,622                                      | 93                     | -                           | 4,727   | Janvier .....  | 14 |
| 4,115                                      | 84                     | -                           | 4,209   | Février .....  | 15 |
| 4,482                                      | 101                    | -                           | 4,595   | Mars .....   | 16 |
| 3,985                                      | 105                    | -                           | 4,098   | Avril .....  | 17 |
| 3,712                                      | 99                     | -                           | 3,824   | Mai .....  | 18 |
| 3,677                                      | 81                     | -                           | 3,772   | Juin .....   | 19 |
| 3,458                                      | 64                     | -                           | 4,037   | Juillet .....  | 20 |
| 3,341                                      | 65                     | -                           | 3,321   | Août .....   | 21 |
| 3,304                                      | 68                     | -                           | 3,386   | Septembre .....  | 22 |
| 3,503                                      | 91                     | -                           | 3,707   | Octobre .....  | 23 |
| 3,674                                      | 98                     | -                           | 3,985   | Novembre .....   | 24 |
|  |                        |                             |         | Décembre .....   | 25 |
| 42,573                                     | 949                    | -                           | 43,661  | <u>Total cumulatif de l'année .....</u>                          | 26 |
|  |                        |                             |         | <u>Propane</u>   |    |
| 3,097                                      | 42                     | -                           | 3,182   | Janvier .....  | 27 |
| 2,814                                      | 40                     | -                           | 2,893   | Février .....  | 28 |
| 2,965                                      | 51                     | -                           | 3,059   | Mars .....   | 29 |
| 2,722                                      | 40                     | -                           | 2,794   | Avril .....  | 30 |
| 2,547                                      | 42                     | -                           | 2,633   | Mai .....  | 31 |
| 2,488                                      | 43                     | -                           | 2,577   | Juin .....   | 32 |
| 2,677                                      | 46                     | -                           | 2,768   | Juillet .....  | 33 |
| 2,483                                      | 58                     | -                           | 2,588   | Août .....   | 34 |
| 2,279                                      | 46                     | -                           | 2,367   | Septembre .....  | 35 |
| 2,863                                      | 47                     | -                           | 2,953   | Octobre .....  | 36 |
| 2,867                                      | 53                     | -                           | 2,961   | Novembre .....   | 37 |
|  |                        |                             |         | Décembre .....   | 38 |
| 29,802                                     | 508                    | -                           | 30,775  | <u>Total cumulatif de l'année .....</u>                          | 39 |
|  |                        |                             |         | <u>Butanes</u>   |    |
| 1,963                                      | 65                     | -                           | 2,045   | Janvier .....  | 40 |
| 1,818                                      | 52                     | -                           | 1,886   | Février .....  | 41 |
| 1,912                                      | 59                     | -                           | 1,989   | Mars .....   | 42 |
| 1,697                                      | 53                     | -                           | 1,764   | Avril .....  | 43 |
| 1,660                                      | 57                     | -                           | 1,737   | Mai .....  | 44 |
| 1,626                                      | 48                     | -                           | 1,695   | Juin .....   | 45 |
| 1,742                                      | 50                     | -                           | 1,814   | Juillet .....  | 46 |
| 1,672                                      | 45                     | -                           | 1,740   | Août .....   | 47 |
| 1,641                                      | 61                     | -                           | 1,723   | Septembre .....  | 48 |
| 1,872                                      | 65                     | -                           | 1,957   | Octobre .....  | 49 |
| 1,893                                      | 62                     | -                           | 1,974   | Novembre .....   | 50 |
|  |                        |                             |         | Décembre .....   | 51 |
| 19,456                                     | 617                    | -                           | 20,324  | <u>Total cumulatif de l'année .....</u>                          | 52 |
| 451,147                                    | 15,716                 | 831                         | 524,235 | <u>Total d'hydrocarbures liquides cumulatif de l'année .....</u> | 53 |
| 43,553                                     | 1,465                  | 16                          | 49,612  | <u>Total d'hydrocarbures liquides novembre 1976 .....</u>        | 54 |
| 45,915                                     | 1,243                  | 40                          | 52,317  | <u>Total d'hydrocarbures liquides novembre 1975 .....</u>        | 55 |

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada,  
November 1976

| No.                                     |                                | New<br>Brunswick<br>—<br>Nouveau-<br>Brunswick | Ontario | Manitoba | Saskatchewan | Alberta |
|---|--------------------------------|--|---------|----------|--------------|---------|
| thousand barrels of 35 Canadian gallons |                                |  |         |          |              |         |
| <u>Supply</u>                           |                                |  |         |          |              |         |
|   | Domestic production:           |  |         |          |              |         |
| 1                                       | Crude oil .....                | 1  | 50      | 335      | 4,105        | 33,197  |
| 2                                       | Synthetic crude oil .....      | —  | —       | —        | —            | 1,638   |
| 3                                       | Less returned to formation     | —  | —       | —        | —            | —       |
| 4                                       | Total .....                    | 1  | 50      | 335      | 4,105        | 34,835  |
| 5                                       | Condensate .....               | —  | —       | —        | 14           | 84      |
| 6                                       | Pentanes plus .....            | —  | —       | —        | 13           | 3,874   |
| 7                                       | Net withdrawals .....          | 1  | 50      | 335      | 4,132        | 38,793  |
| 8                                       | Imports .....                  | ...  | ...     | ...      | ...          | ...     |
| 9                                       | Total supply .....             | 1  | 50      | 335      | 4,132        | 38,793  |
| <u>Disposition</u>                      |                                |  |         |          |              |         |
|   | Deliveries to refineries:      |  |         |          |              |         |
| 10                                      | Atlantic Provinces .....       | —  | —       | —        | —            | —       |
| 11                                      | Quebec .....                   | —  | —       | —        | —            | 7,320   |
| 12                                      | Ontario .....                  | —  | 52      | 312      | 2,146        | 9,807   |
| 13                                      | Manitoba .....                 | —  | —       | 21       | 179          | 758     |
| 14                                      | Saskatchewan .....             | —  | —       | —        | 78           | 822     |
| 15                                      | Alberta .....                  | —  | —       | —        | —            | 8,357   |
| 16                                      | British Columbia .....         | —  | —       | —        | —            | 3,282   |
| 17                                      | Northwest Territories .....    | —  | —       | —        | —            | —       |
| 18                                      | Total .....                    | —  | 52      | 333      | 2,403        | 30,346  |
|   | Exports to U.S.A.:             |  |         |          |              |         |
|   | Petroleum administration:      |  |         |          |              |         |
| 19                                      | District I .....               | —  | —       | —        | —            | 319     |
| 20                                      | II .....                       | —  | —       | 24       | 1,547        | 6,280   |
| 21                                      | IV .....                       | —  | —       | —        | —            | 2,206   |
| 22                                      | V .....                        | —  | —       | —        | —            | 2,411   |
| 23                                      | Total .....                    | —  | —       | 24       | 1,547        | 11,216  |
|   | Inventories:                   |  |         |          |              |         |
|   | Opening:                       |  |         |          |              |         |
| 24                                      | Field and plant .....          | 2  | —       | 33       | 540          | 1,784   |
| 25                                      | Transporters' .....            | —  | —       | 26       | 4,011        | 37,785  |
|   | Closing:                       |  |         |          |              |         |
| 26                                      | Field and plant .....          | 2  | —       | 33       | 580          | 1,840   |
| 27                                      | Transporters' .....            | —  | —       | 25       | 4,058        | 35,622  |
| 28                                      | Net changes .....              | —  | —       | — 1      | 87           | — 2,107 |
| 29                                      | Deliveries to other purchasers | 1  | —       | —        | —            | 11      |
| 30                                      | Pipeline fuel .....            | —  | —       | —        | —            | —       |
| 31                                      | Field and plant use .....      | —  | —       | —        | —            | —       |
| 32                                      | Losses and adjustments .....   | —  | — 2     | — 21     | 95           | — 673   |
| 33                                      | Total disposition .....        | 1  | 50      | 335      | 4,132        | 38,793  |

TABLEAU 2. Approvisionnement et utilisation, pétrole brut et hydrocarbures équivalents, par source, ensemble du Canada,  
novembre 1976

| British Columbia<br>-<br>Colombie-Britannique | Northwest Territories<br>-<br>Territoires du Nord-Ouest | Total Canadian sources<br>-<br>Total de source canadienne | Total foreign sources<br>-<br>Total de source étrangère | Total all sources<br>-<br>Total, général |   |    |
|---|---|---|---|--|---|----|
|   |   | milliers de barils de 35 gallons canadiens                |   |  |   | No |
|   |   |   |   |  | <u>Approvisionnement</u>                            |    |
|   |   |   |   |  | Production intérieure:                              |    |
| 1,240   | 46  | 38,974  | ...   | 38,974                                   | Pétrole brut .....                                  | 1  |
| -   | -   | 1,638   | ...   | 1,638                                    | Pétrole brut synthétique .....                      | 2  |
| -   | 30  | 30  | ...   | 30                                       | Moins: repris pour l'injection .....                | 3  |
| 1,240   | 16  | 40,582  | ...   | 40,582                                   | <u>Total</u> .....                                  | 4  |
| 12  | -   | 110   | ...   | 110                                      | Condensat .....                                     | 5  |
| 98  | -   | 3,985   | ...   | 3,985                                    | Pentanes plus .....                                 | 6  |
| 1,350   | 16  | 44,677  | ...   | 44,677                                   | Prélevement net .....                               | 7  |
| ...   | ...   | ...   | 20,683  | 20,683                                   | Importations .....                                  | 8  |
| 1,350   | 16  | 44,677  | 20,683  | 65,360                                   | <u>Approvisionnement total</u> .....                | 9  |
|   |   |   |   |  | <u>Utilisation</u>                                  |    |
|   |   |   |   |  | Livraisons aux raffineries:                         |    |
| ...   | -   | -   | 10,620  | 10,620                                   | Provinces de l'Atlantique .....                     | 10 |
| ...   | -   | 7,320   | 9,616   | 16,936                                   | Québec .....  | 11 |
| ...   | -   | 12,317  | 447   | 12,764                                   | Ontario .....                                       | 12 |
| ...   | -   | 958   | -   | 958                                      | Manitoba .....                                      | 13 |
| ...   | -   | 900   | -   | 900                                      | Saskatchewan .....                                  | 14 |
| ...   | -   | 8,357   | -   | 8,357                                    | Alberta .....                                       | 15 |
| 1,200   | -   | 4,482   | -   | 4,482                                    | Colombie-Britannique .....                          | 16 |
| -   | 61  | 61  | -   | 61                                       | Territoires du Nord-Ouest .....                     | 17 |
| 1,200   | 61  | 34,395  | 20,683  | 55,078                                   | <u>Total</u> .....                                  | 18 |
|   |   |   |   |  | Exportations vers les États-Unis:                   |    |
|   |   |   |   |  | Petroleum administration:                           |    |
| -   | -   | 319   | -   | 319                                      | District I .....                                    | 19 |
| -   | -   | 7,851   | -   | 7,851                                    | II .....  | 20 |
| -   | -   | 2,206   | -   | 2,206                                    | IV .....  | 21 |
| 16  | -   | 2,427   | -   | 2,427                                    | V .....   | 22 |
| 16  | -   | 12,803  | -   | 12,803                                   | <u>Total</u> .....                                  | 23 |
|   |   |   |   |  | Stocks:   |    |
| 74  | 85  | 2,518   | -   | 2,518                                    | Début d'exercice:                                   |    |
| 1,058   | -   | 42,880  | 367   | 43,247                                   | Gisements et usines de traitement.                  | 24 |
| 98  | 41  | 2,594   | -   | 2,594                                    | Transporteurs .....                                 | 25 |
| 1,207   | -   | 40,912  | 367   | 41,279                                   | Fin d'exercice:                                     |    |
| 173   | - 44  | - 1,892   | -   | - 1,892                                  | Gisements et usines de traitement.                  | 26 |
| -   | -   | 12  | -   | 12                                       | Transporteurs .....                                 | 27 |
| -   | -   | -   | -   | -  | Variations nettes .....                             | 28 |
| 4   | -   | 4   | -   | 4  | Livraisons à d'autres acheteurs .....               | 29 |
| - 43  | - 1   | - 645   | -   | - 645                                    | Carburant consommé par les pipe-lines.              | 30 |
| 1,350   | 16  | 44,677  | 20,683  | 65,360                                   | Consommation des gisements et usines de traitement. | 31 |
|   |   |   |   |  | Perdes et rectifications .....                      | 32 |
|   |   |   |   |  | <u>Total de l'utilisation</u> .....                 | 33 |

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada,  
November 1976

| No.  |   | New<br>Brunswick<br>—<br>Nouveau-<br>Brunswick | Québec | Ontario | Saskatchewan | Alberta |
|--|---|--|--------|---------|--------------|---------|
| million cubic feet at 14.73 p.s.i.a. and 60°F. |   |  |        |         |              |         |
| <u>A. FIELD AND PROCESSING PLANTS</u>          |   |  |        |         |              |         |
|  | <u>Supply</u>   |  |        |         |              |         |
| 1  | Gross new production .....  | 7  | —      | 479     | 6,862        | 262,903 |
| 2  | Less field flared and waste .....   | —  | —      | —       | 607          | 2,755   |
| 3  | Net new production .....  | 7  | —      | 479     | 6,255        | 260,148 |
| 4  | Reproduced .....  | —  | —      | —       | —            | —       |
| 5  | Less injected and stored .....  | —  | —      | —       | —            | 31,165  |
| 6  | Net withdrawals .....   | 7  | —      | 479     | 6,255        | 228,983 |
|  | <u>Disposition</u>  |  |        |         |              |         |
| 7  | Field disposition and uses .....  | —  | —      | —       | 399          | 2,084   |
| 8  | Gathering system disposition and uses .....                                     | —  | —      | —       | 49           | 1,868   |
| 9  | Processing plant disposition and uses:  |  |        |         |              |         |
| 9a   | Processing shrinkage .....  | —  | —      | —       | 100          | 32,277  |
| 9b   | Other disposition and uses .....  | —  | —      | —       | 189          | 10,921  |
| 10   | Other uses .....  | —  | —      | —       | —            | —       |
| 11   | Adjustment .....  | —  | —      | — 2     | 38           | — 1,590 |
| 12   | Deliveries of marketable gas .....  | 7  | —      | 481     | 5,480        | 183,473 |
| 13   | <u>Total disposition</u> .....  | 7  | —      | 479     | 6,255        | 228,983 |
| <u>B. GAS UTILITIES</u>                        |   |  |        |         |              |         |
|  | <u>Supply</u>   |  |        |         |              |         |
| 14   | Receipts of marketable gas:   |  |        |         |              |         |
| 14a  | Fields .....  | 7  | —      | 481     | 4,506        | 28,072  |
| 14b  | Plants .....  | —  | —      | —       | 974          | 155,351 |
| 15   | <u>Total (14a + 14b)</u> .....  | 7  | —      | 481     | 5,480        | 183,423 |
| 16   | Receipts from distributor storage .....   | —  | —      | —       | 597          | 16,157  |
| 17   | Imports .....   | —  | —      | —       | —            | —       |
| 17a  | Other receipts(1) .....   | —  | —      | —       | —            | 107     |
| 18   | <u>Total supply of marketable gas</u><br><u>(15 + 16 + 17 + 17a)</u> .....      | 7  | —      | 481     | 6,077        | 199,687 |
|  | <u>Disposition</u>  |  |        |         |              |         |
|  | Sales:  |  |        |         |              |         |
| 19   | New Brunswick .....   | 6  | —      | —       | —            | —       |
| 20   | Quebec .....  | —  | —      | —       | —            | 8,139   |
| 21   | Ontario .....   | —  | —      | 168     | —            | 63,816  |
| 22   | Manitoba .....  | —  | —      | —       | —            | 5,995   |
| 23   | Saskatchewan .....  | —  | —      | —       | 3,175        | 5,592   |
| 24   | Alberta .....   | —  | —      | —       | —            | 30,973  |
| 25   | British Columbia .....  | —  | —      | —       | —            | 741     |
| 26   | Northwest Territories .....   | —  | —      | —       | —            | —       |
| 27   | <u>Total sales (19 to 26 inclusive)</u> .....                                   | 6  | —      | 168     | 3,175        | 115,256 |
| 28   | Exports .....   | —  | —      | —       | —            | 63,590  |
| 29   | Other deliveries(1,2) .....   | —  | —      | 86      | —            | 2,637   |
| 30   | Deliveries to distributor storage .....   | —  | —      | —       | 978          | 3,151   |
| 31   | Line pack fluctuation .....   | —  | —      | —       | — 2          | 587     |
| 32   | Pipeline fuel .....   | —  | —      | 11      | 93           | 6,362   |
| 33   | Pipeline losses, etc. .....   | 1  | —      | 216     | 1,833        | 8,098   |
| 34   | <u>Total disposition of marketable gas</u><br><u>(27 to 33 inclusive)</u> ..... | 7  | —      | 481     | 6,077        | 199,687 |

See footnote(s) on page 11.

TABLEAU 3. Approvisionnement et utilisation de gaz naturel, par source, Canada,  
novembre 1976

| British Columbia and Yukon et Colombie-Britannique   | Northwest Territories | Total Canadian sources | Total foreign sources | Total all sources |   | No  |
|--|-----------------------|------------------------|-----------------------|-------------------|---|-----|
| million de pi <sup>3</sup> à une pression absolue de 14.73 livres au pouce carré, sous 60°F. |                       |                        |                       |                   |   |     |
| <u>A. GISEMENTS ET USINES DE TRAITEMENT</u>  |                       |                        |                       |                   |   |     |
| <u>Approvisionnement</u>   |                       |                        |                       |                   |   |     |
| 37,633(3)  | 104                   | 307,988                | ...                   | 307,988           | Production originale brute .....  | 1   |
| 397  | 75                    | 3,834                  | ...                   | 3,834             | Moins: gaz brûlé sur les chantiers et pertes .....                        | 2   |
| 37,236   | 29                    | 304,154                | ...                   | 304,154           | Production originale nette .....  | 3   |
| -  | -                     | -                      | ...                   | -                 | Gaz récupéré .....  | 4   |
| 241  | -                     | 31,406                 | ...                   | 31,406            | Moins: gaz injecté et stocké .....  | 5   |
| 36,995   | 29                    | 272,748                | ...                   | 272,748           | Prélèvement net .....   | 6   |
| <u>Utilisation</u>   |                       |                        |                       |                   |   |     |
| 997  | -                     | 3,480                  | ...                   | 3,480             | Emploi et utilisation sur les chantiers .....                             | 7   |
| 74   | -                     | 1,991                  | ...                   | 1,991             | Emploi et utilisation dans les collecteurs .....                          | 8   |
| 3,613  | -                     | 35,990                 | ...                   | 35,990            | Emploi et utilisation dans les usines de traitement:                      | 9   |
| 2,076  | -                     | 13,186                 | ...                   | 13,186            | Pertes en cours de traitement .....                                       | 9a  |
| -  | -                     | -                      | ...                   | -                 | Autres emplois et utilisations .....                                      | 9b  |
| - 406  | -                     | - 1,960                | ...                   | - 1,960           | Autres utilisations .....   | 10  |
| 30,641   | 29                    | 220,061                | ...                   | 220,061           | Rectifications .....  | 11  |
| 36,995   | 29                    | 272,748                | ...                   | 272,748           | Livrages de gaz marchand .....  | 12  |
| <u>Total de l'utilisation .....</u>  |                       |                        |                       |                   |   |     |
| <u>B. DISTRIBUTION DE GAZ</u>  |                       |                        |                       |                   |   |     |
| <u>Approvisionnement</u>   |                       |                        |                       |                   |   |     |
| Arrivages de gaz marchand:   |                       |                        |                       |                   |   |     |
| 376  | 29                    | 33,471                 | ...                   | 33,471            | Gisements .....   | 14  |
| 30,265   | -                     | 186,590                | ...                   | 186,590           | Usines .....  | 14a |
| 30,641   | 29                    | 220,061                | ...                   | 220,061           | <u>Total (14a + 14b) .....</u>  | 14b |
| 9  | -                     | 16,763                 | ...                   | 16,763            | Déstockage par les distributeurs .....                                    | 15  |
| -  | -                     | -                      | 162                   | 162               | Importations .....  | 16  |
| 1  | -                     | 108                    | 1,164                 | 1,272             | Autres arrivages(1) .....   | 17  |
| 30,651   | 29                    | 236,932                | 1,326                 | 238,258           | <u>Approvisionnement total en gaz marchand (15 + 16 + 17 + 17a).</u>      | 17a |
| <u>Utilisation</u>   |                       |                        |                       |                   |   |     |
| Ventes:  |                       |                        |                       |                   |   |     |
| -  | -                     | 6                      | -                     | 6                 | Nouveau-Brunswick .....   | 19  |
| -  | -                     | 8,139                  | -                     | 8,139             | Québec .....  | 20  |
| -  | -                     | 63,984                 | 159                   | 64,143            | Ontario .....   | 21  |
| -  | -                     | 5,995                  | -                     | 5,995             | Manitoba .....  | 22  |
| -  | -                     | 8,767                  | -                     | 8,767             | Saskatchewan .....  | 23  |
| -  | -                     | 30,973                 | 3                     | 30,976            | Alberta .....   | 24  |
| 12,558   | -                     | 13,299                 | -                     | 13,299            | Colombie-Britannique .....  | 25  |
| -  | 29                    | 29                     | -                     | 29                | Territoires du Nord-Ouest .....   | 26  |
| 12,558   | 29                    | 131,192                | 162                   | 131,354           | <u>Total des ventes (de 19 à 26 inclusivement) ..</u>                     | 27  |
| 16,354   | -                     | 79,944                 | -                     | 79,944            | Exportations .....  | 28  |
| -  | -                     | 2,723                  | 1,164                 | 3,887             | Autres livraisons(1,2) .....  | 29  |
| -  | -                     | 4,130                  | -                     | 4,130             | Livrages à l'entrepôt de stockage des distributeurs.                      | 30  |
| 1,085  | -                     | 609                    | -                     | 609               | Fluctuation du volume de gaz dans les réseaux .....                       | 31  |
| 629  | -                     | 7,557                  | -                     | 7,557             | Gaz consommé dans les réseaux .....                                       | 32  |
| -  | -                     | 10,777                 | -                     | 10,777            | Pertes dans les pipe-lines, etc. ....                                     | 33  |
| 30,651   | 29                    | 236,932                | 1,326                 | 238,258           | <u>Total de l'utilisation de gaz marchand (de 27 à 33 inclusivement).</u> | 34  |

Voir note(s) à la page 11.

TABLE 4. Net new Production of Natural Gas by Month, by Province,  
1976

TABLEAU 4. Production originale nette de gaz naturel par mois et par province.  
1976

| Month — Mois  | New Brunswick<br>— Nouveau-Brunswick | Quebec | Ontario | Saskatchewan       | Alberta   | British Columbia<br>— Colombie-Britannique | Northwest Territories and Yukon<br>— Territoires du Nord-Ouest et Yukon | Canada               |
|---|--------------------------------------|--------|---------|--------------------|-----------|--|---|----------------------|
| million cubic feet at 14.73 p.s.i.a. and 60°F. — million de pi <sup>3</sup> à une pression absolue de 14.73 livres au pouce carré, sous 60°F. |                                      |        |         |                    |           |  |   |                      |
| January — Janvier ...   | 11                                   | 4      | 648     | 6,445              | 272,966   | 35,486                                     | 3,662   | 319,222              |
| February — Février ...  | 11                                   | 5      | 541     | 5,730              | 255,862   | 32,230                                     | 3,456   | 297,835              |
| March — Mars .....  | 10                                   | --     | 330     | 5,892              | 270,651   | 34,901                                     | 3,546   | 315,330              |
| April — Avril .....   | 8                                    | --     | 347     | 4,997              | 248,627   | 33,574                                     | 3,459   | 291,012              |
| May — Mai .....   | 8                                    | --     | 374     | 3,810              | 241,180   | 33,076                                     | 3,410   | 281,858              |
| June — Juin .....   | 7                                    | --     | 352     | 4,075              | 230,642   | 28,081                                     | 2,806   | 265,963              |
| July — Juillet .....  | 7                                    | --     | 352     | 4,569              | 233,030   | 23,067                                     | 1,670   | 262,695              |
| August — Août .....   | 7                                    | --     | 325     | 3,856              | 225,454   | 25,166                                     | 2,073   | 256,881              |
| September — Septembre   | 7                                    | --     | 296     | 4,207 <sup>r</sup> | 216,142   | 26,487                                     | 2,272   | 249,411 <sup>r</sup> |
| October — Octobre ...   | 7                                    | --     | 337     | 5,556              | 249,541   | 36,023                                     | 2,830   | 294,294              |
| November — Novembre   | 7                                    | --     | 479     | 6,255              | 260,148   | 34,522                                     | 2,743   | 304,154              |
| December — Décembre   |                                      |        |         |                    |           |  |   |                      |
| <u>Year-to-date —</u>   |                                      |        |         |                    |           |  |   |                      |
| <u>Total — Cumulatif de l'année .....</u>   | 90                                   | 9      | 4,381   | 55,392             | 2,704,243 | 342,613                                    | 31,927  | 3,138,655            |
| November — 1975 —   |                                      |        |         |                    |           |  |   |                      |
| <u>Total — Novembre ..</u>  | 9                                    | 2      | 665     | 5,661              | 255,512   | 34,077                                     | 3,362   | 299,338              |

TABLE 5. Gas Processing Plant Production of Sulphur by Month, by Province,  
1976

TABLEAU 5. Production de soufre par les usines de traitement, par mois et par province,  
1976

| Month — Mois   | Saskatchewan | Alberta   | British Columbia<br>— Colombie-Britannique | Canada    |
|--|--------------|-----------|--|-----------|
| short tons — en tonnes courtes                           |              |           |  |           |
| January — Janvier .....                                  | 208          | 657,737   | 6,638                                      | 664,583   |
| February — Février .....                                 | 206          | 589,399   | 5,930                                      | 595,535   |
| March — Mars .....                                       | 222          | 648,481   | 6,502                                      | 655,205   |
| April — Avril .....                                      | 146          | 581,490   | 6,274                                      | 587,910   |
| May — Mai .....  | 199          | 524,353   | 6,359                                      | 530,911   |
| June — Juin .....  | 233          | 539,949   | 4,852                                      | 545,034   |
| July — Juillet .....                                     | 218          | 556,664   | 4,665                                      | 561,547   |
| August — Août .....                                      | 215          | 546,535   | 3,978                                      | 550,728   |
| September — Septembre                                    | 72           | 498,061   | 4,665                                      | 502,798   |
| October — Octobre .....                                  | 145          | 571,501   | 5,899                                      | 577,545   |
| November — Novembre .....                                | 160          | 578,707   | 6,561                                      | 585,428   |
| <u>Year-to-date — Total — Cumulatif de l'année .....</u> | 2,024        | 6,292,877 | 62,323                                     | 6,357,224 |
| <u>Total November — 1975 — Novembre .....</u>            | 430          | 629,731   | 6,645                                      | 636,806   |

TABLE 6. Supply of Gas Processing Plant Propane, Butanes and Sulphur,  
November 1976

TABLEAU 6. Approvisionnement en propane, en butanes et en soufre par les usines de traitement  
novembre 1976

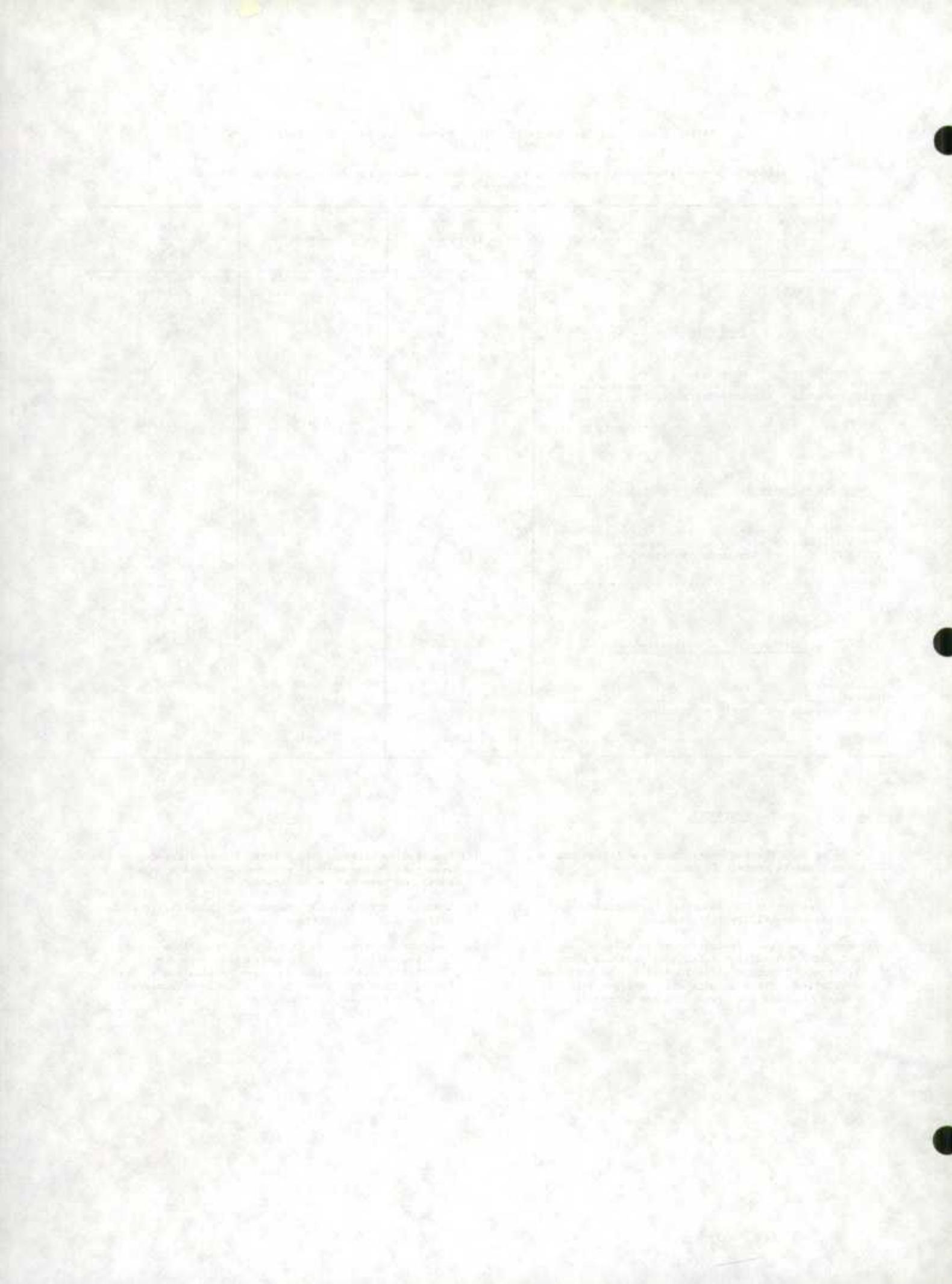
|  | Propane                               | Butanes | Sulphur<br>—<br>Soufre         |  |  |
|--|---------------------------------------|---------|--------------------------------|--|--|
|  | thousand barrels — milliers de barils |         | short tons — en tonnes courtes |  |  |
| <u>Production</u>                                      |                                       |         |                                |  |  |
|  |                                       |         |                                |  |  |
| Saskatchewan .....                                     | 41                                    | 19      | 160                            |  |  |
| Alberta .....  | 2,867                                 | 1,894   | 578,707                        |  |  |
| British Columbia — Colombie-Britannique .....          | 53                                    | 62      | 6,561                          |  |  |
| <u>Canada</u> .....                                    | 2,961                                 | 1,975   | 585,428                        |  |  |
| <u>Returned to formation — Repris pour l'injection</u> |                                       |         |                                |  |  |
|  |                                       |         |                                |  |  |
| Saskatchewan .....                                     | —                                     | —       | ...                            |  |  |
| Alberta .....  | —                                     | 1       | ...                            |  |  |
| British Columbia — Colombie-Britannique .....          | —                                     | —       | ...                            |  |  |
| <u>Canada</u> .....                                    |                                       | 1       | ...                            |  |  |
| <u>Net withdrawals — Prélevement net</u>               |                                       |         |                                |  |  |
|  |                                       |         |                                |  |  |
| Saskatchewan .....                                     | 41                                    | 19      | ...                            |  |  |
| Alberta .....  | 2,867                                 | 1,893   | ...                            |  |  |
| British Columbia — Colombie-Britannique .....          | 53                                    | 62      | ...                            |  |  |
| <u>Canada</u> .....                                    | 2,961                                 | 1,974   | ...                            |  |  |

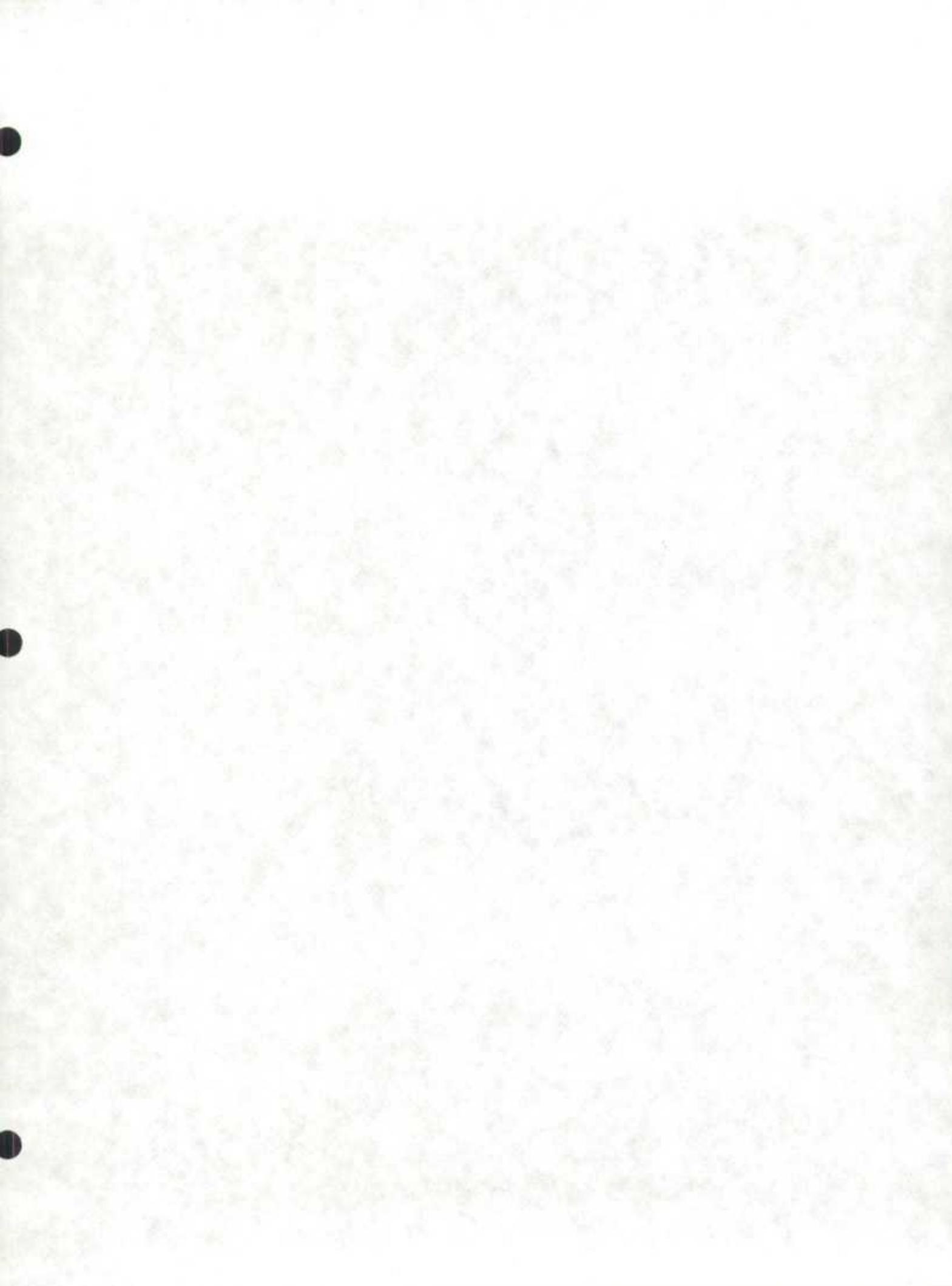
FOOTNOTES

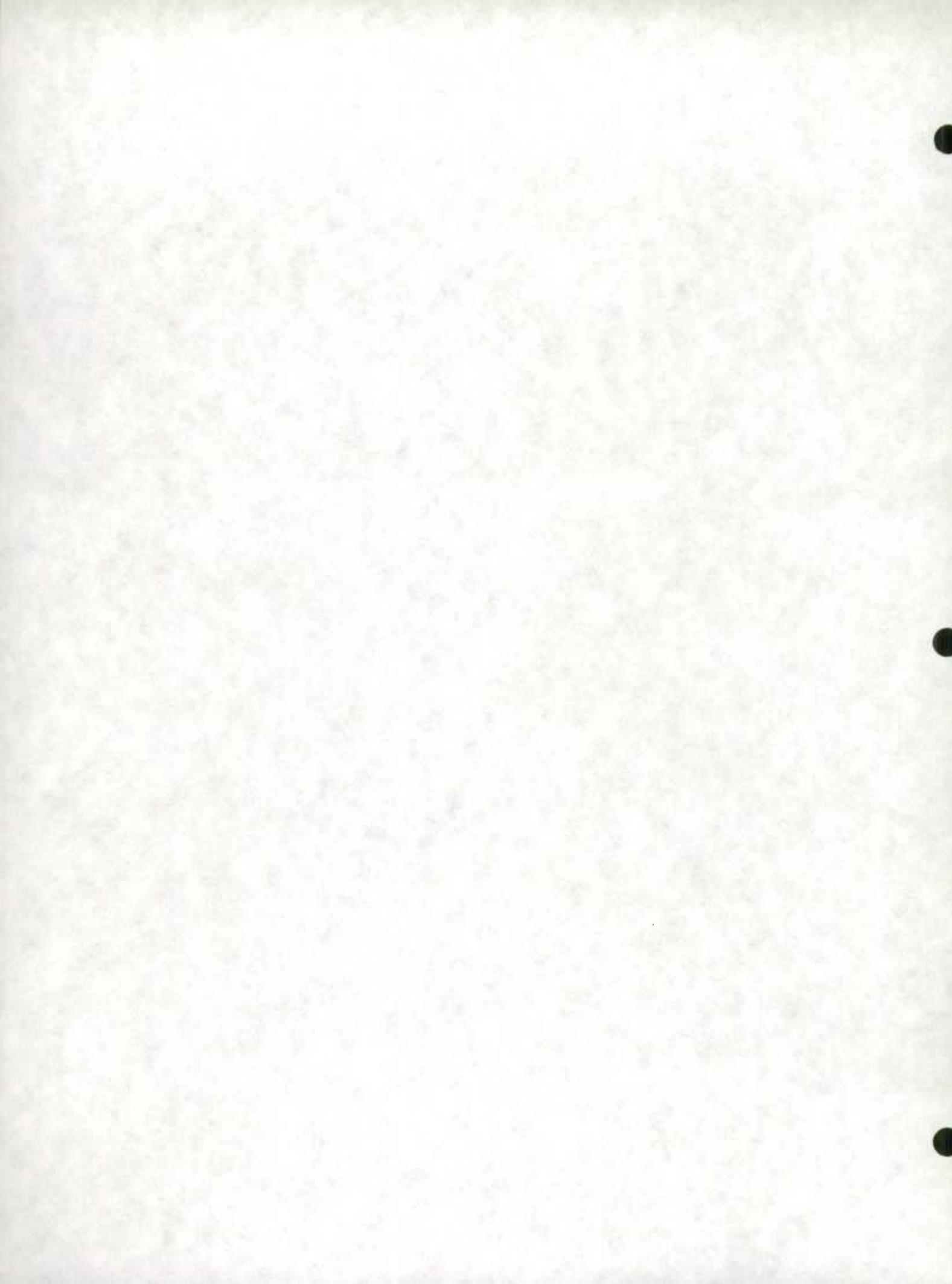
- (1) Includes peak shaving, enrichment and United States natural gas in transit in Canada.
- (2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.
- (3) Includes the Yukon production of 58 million cubic feet and 2,656 million cubic feet produced from the Pointed Mountain field located in the Northwest Territories. These amounts are transferred to British Columbia for processing and disposal.

NOTES

- (1) Comprend le niveling des points, l'enrichissement et les quantités de gaz naturel provenant des États-Unis en admission temporaires au Canada.
- (2) Livraison directe à la consommation industrielle et livraison pour distributions diverses.
- (3) Comprend la production du Yukon de 58 million de pi<sup>3</sup> et 2,656 million de pi<sup>3</sup> provenant du gisement de "Pointed Mountain" situé dans les Territoires du Nord-Ouest; ce gaz est transféré en Colombie-Britannique pour y être traité et écoulé.









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