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## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

NOVEMBER 1963

Output of crude petroleum in Canada during November 1963, amounted to 21,081,316 barrels, compared with 22,048,316 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

| Province                       | November   | October    | November   | Year to date |             |
|--------------------------------|------------|------------|------------|--------------|-------------|
|                                | 1962       | 1963       | 1963       | 1962         | 1963        |
| barrels of 35 Imperial gallons |            |            |            |              |             |
| New Brunswick .....            | 848        | 562        | 581        | 9,336        | 6,990       |
| Ontario .....                  | 101,178    | 107,959    | 106,161    | 1,038,665    | 1,100,254   |
| Manitoba .....                 | 308,491    | 335,779    | 324,008    | 3,615,231    | 3,448,366   |
| Saskatchewan .....             | 5,567,378  | 6,596,055  | 6,391,998  | 58,660,788   | 64,793,139  |
| Alberta .....                  | 12,653,275 | 13,826,351 | 13,151,082 | 151,141,120  | 153,496,283 |
| British Columbia ....          | 1,000,650  | 1,121,156  | 1,065,414  | 7,840,140    | 11,412,360  |
| Northwest Territories          | 39,854     | 60,454     | 42,072     | 528,875      | 550,293     |
| Canada .....                   | 19,671,674 | 22,048,316 | 21,081,316 | 222,834,125  | 234,807,685 |

TABLE 2. Production(1) of Crude Petroleum, by Months, 1962 and 1963

| Month                     | 1962        | 1963        |
|---------------------------|-------------|-------------|
| in barrels                |             |             |
| January .....             | 22,036,982  | 22,711,354  |
| February .....            | 20,326,362  | 21,255,941  |
| March .....               | 21,845,062  | 23,323,858  |
| April .....               | 18,593,013  | 18,916,967  |
| May .....                 | 20,008,658  | 20,701,355  |
| June .....                | 18,164,064  | 20,875,633  |
| July .....                | 20,066,372  | 21,000,292  |
| August .....              | 20,830,441  | 21,540,234  |
| September .....           | 20,670,156  | 21,352,419  |
| October .....             | 20,621,341  | 22,048,316  |
| November .....            | 19,671,674  | 21,081,316  |
| Total eleven months ..... | 222,834,125 | 234,807,685 |
| December .....            | 21,322,196  |             |
| Totals .....              | 244,156,321 |             |

(1) These figures exclude items listed in Tables 8 and 9. See footnote Table 9.

March 1964  
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Industry Division

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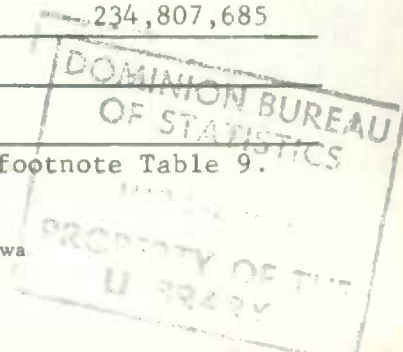


TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

| Field                          | November |         | Year to date |           |
|--------------------------------|----------|---------|--------------|-----------|
|                                | 1962     | 1963    | 1962         | 1963      |
| barrels of 35 Imperial gallons |          |         |              |           |
| Daly .....                     | 55,443   | 51,333  | 636,575      | 587,600   |
| Virden-Roselea .....           | 91,686   | 81,558  | 1,061,956    | 940,486   |
| North Virden Scallion ...      | 100,457  | 117,629 | 1,239,836    | 1,233,117 |
| Other Areas .....              | 60,905   | 73,488  | 676,864      | 687,163   |
| Total crude oil .....          | 308,491  | 324,008 | 3,615,231    | 3,448,366 |

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

| Field                          | November  |           | Year to date |            |
|--------------------------------|-----------|-----------|--------------|------------|
|                                | 1962      | 1963      | 1962         | 1963       |
| barrels of 35 Imperial gallons |           |           |              |            |
| Dollard .....                  | 376,944   | 393,259   | 4,215,335    | 4,347,056  |
| Midale .....                   | 491,635   | 498,393   | 4,745,451    | 5,264,452  |
| Nottingham .....               | 250,650   | 264,111   | 2,719,159    | 2,621,012  |
| Steelman .....                 | 766,870   | 1,023,188 | 7,969,367    | 9,157,423  |
| Weyburn .....                  | 1,152,735 | 1,254,801 | 12,389,086   | 13,551,183 |
| Other Areas .....              | 2,528,544 | 2,958,246 | 26,622,390   | 29,852,013 |
| Total crude oil .....          | 5,567,378 | 6,391,998 | 58,660,788   | 64,793,139 |

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

| Field                          | November   |            | Year to date |             |
|--------------------------------|------------|------------|--------------|-------------|
|                                | 1962       | 1963       | 1962         | 1963        |
| barrels of 35 Imperial gallons |            |            |              |             |
| Bonnie Glen .....              | 489,608    | 469,417    | 8,015,730    | 6,912,864   |
| Fenn Big Valley .....          | 432,562    | 404,372    | 5,531,826    | 5,146,877   |
| Golden Spike .....             | 285,088    | 189,721    | 3,890,281    | 3,341,883   |
| Joffre .....                   | 350,876    | 294,344    | 3,992,297    | 3,584,669   |
| Judy Creek .....               | 466,881    | 568,574    | 4,994,434    | 5,776,763   |
| Leduc-Woodbend .....           | 965,094    | 915,186    | 11,587,969   | 10,928,871  |
| Pembina .....                  | 3,040,645  | 3,248,260  | 34,760,041   | 36,226,572  |
| Redwater .....                 | 1,153,530  | 1,138,910  | 16,212,107   | 14,944,054  |
| Swan Hills .....               | 993,489    | 1,049,543  | 10,550,644   | 11,911,536  |
| Wizard Lake .....              | 302,935    | 250,000    | 4,241,008    | 3,802,785   |
| Other Areas .....              | 4,172,567  | 4,622,755  | 47,364,783   | 50,919,409  |
| Total crude oil .....          | 12,653,275 | 13,151,082 | 151,141,120  | 153,496,283 |

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

| Month                            | 1962               | 1963                 |
|----------------------------------|--------------------|----------------------|
| M. cu. ft. (14.65 psia, 60°F)    |                    |                      |
| January .....                    | 85,314,599         | 108,006,082          |
| February .....                   | 82,864,677         | 94,670,304           |
| March .....                      | 84,126,192         | 98,476,919           |
| April .....                      | 72,935,141         | 91,136,216           |
| May .....                        | 72,717,573         | 87,281,644           |
| June .....                       | 68,036,230         | 78,857,619           |
| July .....                       | 69,318,357         | 79,910,003           |
| August .....                     | 71,971,184         | 81,013,404           |
| September .....                  | 74,454,154         | 85,867,285           |
| October .....                    | 82,667,911         | 92,562,779           |
| November .....                   | 85,534,912         | 104,376,921          |
| <b>Total eleven months .....</b> | <b>849,940,930</b> | <b>1,002,159,176</b> |
| December .....                   | 96,968,150         |                      |
| <b>Totals .....</b>              | <b>946,909,080</b> |                      |

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, by Months, 1963

| Month                              | New<br>Brunswick | Ontario           | Saskat-<br>chewan | Alberta            | British<br>Columbia | North-<br>west<br>Terri-<br>tories | Canada               |
|------------------------------------|------------------|-------------------|-------------------|--------------------|---------------------|------------------------------------|----------------------|
| M. cu. ft. (14.65 psia, 60°F)      |                  |                   |                   |                    |                     |                                    |                      |
| January ..                         | 10,661           | 2,014,357         | 4,768,585         | 88,889,642         | 12,316,764          | 6,073                              | 108,006,082          |
| February .                         | 12,118           | 2,854,652         | 3,912,535         | 77,668,925         | 10,215,602          | 6,472                              | 94,670,304           |
| March ....                         | 13,297           | 1,685,840         | 3,547,617         | 81,668,221         | 11,555,929          | 6,015                              | 98,476,919           |
| April ....                         | 8,790            | 979,143           | 2,778,702         | 76,989,647         | 10,374,001          | 5,933                              | 91,136,216           |
| May .....                          | 7,409            | 811,951           | 3,055,650         | 73,926,624         | 9,478,462           | 1,548                              | 87,281,644           |
| June .....                         | 6,664            | 771,240           | 2,735,111         | 67,182,909         | 8,154,939           | 6,756                              | 78,857,619           |
| July .....                         | 6,205            | 666,550           | 2,387,634         | 70,220,311         | 6,626,574           | 2,729                              | 79,910,003           |
| August ...                         | 6,233            | 668,169           | 2,744,794         | 70,497,833         | 7,092,999           | 3,376                              | 81,013,404           |
| September                          | 6,518            | 952,045           | 3,023,204         | 73,096,339         | 8,787,151           | 2,028                              | 85,867,285           |
| October ..                         | 6,697            | 1,292,972         | 2,775,122         | 78,172,185         | 10,313,783          | 2,020                              | 92,562,779           |
| November .                         | 7,321            | 1,340,464         | 3,246,220         | 88,867,199         | 10,912,355          | 3,362                              | 104,376,921          |
| <b>Total<br/>eleven<br/>months</b> | <b>91,913</b>    | <b>14,037,383</b> | <b>34,975,174</b> | <b>847,179,835</b> | <b>105,828,559</b>  | <b>46,312</b>                      | <b>1,002,159,176</b> |



TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

| Month                     | Pentanes<br>plus (1) | barrels   |           |
|---------------------------|----------------------|-----------|-----------|
|                           |                      | Propane   | Butane    |
| January .....             | 1,856,233            | 408,816   | 324,828   |
| February .....            | 1,646,214            | 481,692   | 283,203   |
| March .....               | 1,921,686            | 368,969   | 306,890   |
| April .....               | 1,767,793            | 317,960   | 248,147   |
| May .....                 | 1,670,702            | 354,298   | 235,665   |
| June .....                | 1,539,119            | 340,220   | 227,654   |
| July .....                | 1,664,297            | 311,300   | 232,130   |
| August .....              | 1,604,609            | 316,273   | 228,628   |
| September .....           | 1,579,287            | 323,908   | 257,913   |
| October .....             | 1,735,881            | 359,604   | 312,152   |
| November .....            | 1,862,002            | 420,470   | 324,517   |
| Total eleven months ..... | 18,847,823           | 4,003,510 | 2,981,727 |

TABLE 9. Production of Natural Gas by-Products, by Provinces, November 1963

| Province               | Pentanes<br>plus (1) | barrels |         |
|------------------------|----------------------|---------|---------|
|                        |                      | Propane | Butane  |
| Saskatchewan .....     | 23,988               | 57,627  | 31,934  |
| Alberta .....          | 1,766,598            | 317,272 | 233,863 |
| British Columbia ..... | 71,416               | 45,571  | 58,720  |
| Canada .....           | 1,862,002            | 420,470 | 324,517 |

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.