



REPUBLICA ARGENTINA

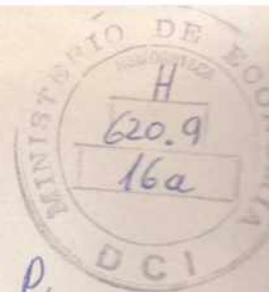
# COMBUSTIBLES

1991



SECRETARIA DE ENERGIA  
MINISTERIO DE ECONOMIA Y OBRAS  
Y SERVICIOS PUBLICOS

23 JUL 2005



# ANUARIO DE COMBUSTIBLES 1991

AREA DE EVALUACION ENERGETICA  
SISTEMA DE INFORMACION  
PARA PLANIFICACION ENERGETICA  
( S.I.P.E )

## FE DE ERRATA

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En pag. 11 total Mendoza corresponde 328.119 miles de m3.  
En pag. 31 total Aguarras corresponde 302,69 miles de U\$S.  
En pag. 50 total Diesel-Oil año 1990 corresponde 97.504 m3.  
En pag. 55 total Reductor de Viscosidad corresponde 8.550.  
En pag. 55 total Craqueo Térmico corresponde 600.  
En pag. 59 total Golfo San Jorge año 1988 corresponde  
96.696 miles de m3.  
En pag. 60 total Austral año 1982 corresponde 122.861  
millones de m3.

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**POZOS TERMINADOS Y METROS PERFORADOS AL  
31-12-91**

| EMPRESAS                                                                                                                                                    |             | EXPLOTACION |     |                   |       |               |             | EXPLORACION |    |       |                   |             |    | AVANZADA |       |                   |             |   |     | TOTAL GENERAL |                   |     |     |         |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----|-------------------|-------|---------------|-------------|-------------|----|-------|-------------------|-------------|----|----------|-------|-------------------|-------------|---|-----|---------------|-------------------|-----|-----|---------|------|
| Y.P.F. Y CONTRATOS                                                                                                                                          | PRODUCTIVOS |             |     | METROS PERFORADOS | TOTAL | IMPRODUCTIVOS | PRODUCTIVOS |             |    | TOTAL | METROS PERFORADOS | PRODUCTIVOS |    |          | TOTAL | METROS PERFORADOS | PRODUCTIVOS |   |     | TOTAL         | METROS PERFORADOS |     |     |         |      |
|                                                                                                                                                             | P           | G           | T   |                   |       |               | P           | G           | T  |       |                   | P           | G  | T        |       |                   | P           | G | T   |               |                   |     |     |         |      |
| YPF ADMINISTRACION                                                                                                                                          | 286         | 17          | 303 | 29                | 332   |               | 11          | 2           | 13 | 25    | 38                |             | 53 | 5        | 58    | 21                | 79          |   | 350 | 24            | 374               | 75  | 449 | 751.440 |      |
| CHUBUT<br>SANTA CRUZ NORTE<br>SANTA CRUZ SUR<br>TIERRA DEL FUEGO<br>NEUQUEN<br>RIO NEGRO<br>MENDOZA SUR<br>MENDOZA<br>SALTA<br>JUJUY<br>LA PAMPA<br>FORMOSA | 38          | —           | 38  | 6                 | 44    |               | 2           | —           | 2  | 2     | 4                 |             | 5  | 1        | 6     | 2                 | 8           |   | 45  | 1             | 46                | 10  | 56  | 121533  |      |
|                                                                                                                                                             | 79          | 3           | 82  | 4                 | 86    |               | 2           | 1           | 3  | —     | 3                 |             | 32 | 1        | 33    | 9                 | 42          |   | 113 | 5             | 118               | 13  | 131 | 252277  |      |
|                                                                                                                                                             | —           | 5           | 5   | 1                 | 6     |               | 1           | —           | 1  | 5     | 6                 |             | —  | —        | —     | —                 | —           |   | 1   | 5             | 6                 | 6   | 12  | 20097   |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
|                                                                                                                                                             | 122         | 8           | 130 | 3                 | 133   |               | —           | 1           | 1  | 4     | 5                 |             | 8  | 3        | 11    | —                 | 11          |   | 130 | 12            | 142               | 7   | 149 | 199829  |      |
|                                                                                                                                                             | 22          | —           | 22  | 8                 | 30    |               | —           | —           | —  | 1     | 1                 |             | 3  | —        | 3     | 6                 | 9           |   | 25  | —             | 25                | 15  | 40  | 21994   |      |
|                                                                                                                                                             | 19          | 1           | 20  | 4                 | 24    |               | 3           | —           | 3  | 10    | 13                |             | 4  | —        | 4     | 1                 | 5           |   | 26  | 1             | 27                | 15  | 42  | 68810   |      |
|                                                                                                                                                             | 4           | —           | 4   | 3                 | 7     |               | —           | —           | —  | 2     | 2                 |             | —  | —        | —     | —                 | —           |   | 4   | —             | 4                 | 5   | 9   | 32284   |      |
|                                                                                                                                                             | 1           | —           | 1   | —                 | 1     |               | 1           | —           | 1  | —     | 1                 |             | —  | —        | —     | 3                 | 3           |   | 2   | —             | 2                 | 3   | 5   | 12454   |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | 1     | 1                 |             | —  | —        | —     | —                 | —           | — |     | —             | —                 | —   | 1   | 1       | 5643 |
| 1                                                                                                                                                           | —           | 1           | —   | 1                 | 1     |               | 2           | —           | 2  | —     | 2                 |             | 1  | —        | 1     | —                 | 1           |   | 4   | —             | 4                 | —   | 4   | 16519   |      |
| YPF CONTRATO DE PERFORACION                                                                                                                                 | 208         | 2           | 210 | 8                 | 218   |               | 2           | 1           | 3  | 3     | 6                 |             | —  | —        | —     | —                 | —           |   | 210 | 3             | 213               | 11  | 224 | 398441  |      |
| CHUBUT<br>SANTA CRUZ NORTE<br>SANTA CRUZ SUR<br>TIERRA DEL FUEGO<br>NEUQUEN<br>RIO NEGRO<br>MENDOZA SUR<br>MENDOZA<br>SALTA<br>JUJUY                        | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
|                                                                                                                                                             | 124         | 1           | 125 | 5                 | 130   |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | 124 | 1             | 123               | 5   | 130 | 268722  |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | 2           | 1           | 3  | 3     | 6                 |             | —  | —        | —     | —                 | —           |   | 2   | 1             | 3                 | 3   | 6   | 11871   |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
|                                                                                                                                                             | 78          | 1           | 79  | 3                 | 82    |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | 78  | 1             | 79                | 3   | 82  | 112311  |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
|                                                                                                                                                             | 6           | —           | 6   | —                 | 6     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | 6   | —             | 6                 | —   | 6   | 5537    |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
|                                                                                                                                                             | —           | —           | —   | —                 | —     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | —   | —             | —                 | —   | —   | —       |      |
| CONTRATO DE RIESGO                                                                                                                                          | —           | —           | —   | —                 | —     |               | 17          | 4           | 21 | 24    | 45                |             | —  | —        | —     | —                 | —           |   | 17  | 4             | 21                | 24  | 45  | 75261   |      |
| CONTRATO DE EXPLOTACION                                                                                                                                     | 54          | —           | 54  | —                 | 54    |               | 5           | —           | 5  | —     | 5                 |             | —  | —        | —     | —                 | —           |   | 59  | —             | 59                | —   | 59  | 151797  |      |
| 7524 CHUBUT                                                                                                                                                 | 53          | —           | 53  | —                 | 53    |               | 5           | —           | 5  | —     | 5                 |             | —  | —        | —     | —                 | —           |   | 58  | —             | 58                | —   | 58  | 149344  |      |
| 21419 RIO NEGRO                                                                                                                                             | 1           | —           | 1   | —                 | 1     |               | —           | —           | —  | —     | —                 |             | —  | —        | —     | —                 | —           |   | 1   | —             | 1                 | —   | 1   | 2453    |      |
| SUB.TOTAL                                                                                                                                                   | 548         | 19          | 567 | 37                | 604   |               | 35          | 7           | 42 | 52    | 94                |             | 53 | 5        | 58    | 21                | 79          |   | 636 | 31            | 667               | 110 | 777 | 1376939 |      |

# POZOS TERMINADOS Y METROS PERFORADOS AL 31-12-91 (Continuación)

| EMPRESAS                      | EXPLOTACION |    |     |               |                   | EXPLORACION |   |    |               |                   | AVANZADA    |   |   |               |                   | TOTAL GENERAL |    |     |               |                   |
|-------------------------------|-------------|----|-----|---------------|-------------------|-------------|---|----|---------------|-------------------|-------------|---|---|---------------|-------------------|---------------|----|-----|---------------|-------------------|
|                               | PRODUCTIVOS |    |     |               | METROS PERFORADOS | PRODUCTIVOS |   |    |               | METROS PERFORADOS | PRODUCTIVOS |   |   |               | METROS PERFORADOS | PRODUCTIVOS   |    |     |               | METROS PERFORADOS |
|                               | P           | G  | T   | IMPRODUCTIVOS |                   | P           | G | T  | IMPRODUCTIVOS |                   | P           | G | T | IMPRODUCTIVOS |                   | P             | G  | T   | IMPRODUCTIVOS |                   |
| CADIPSA - CDON. MINERALES     | 5           | —  | 5   | —             | 6.465             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 5             | —  | 5   | —             | 6.465             |
| * LAS HERAS-P. CLAVADA        | 6           | —  | 6   | —             | 7.520             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 6             | —  | 6   | —             | 7.520             |
| * CERRO WENCESLAO             | 12          | —  | 12  | —             | 10.997            | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 12            | —  | 12  | —             | 10.997            |
| TOTAL ASTRIUAL - EL HUEBUL    | 14          | —  | 14  | —             | 33.200            | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 14            | —  | 14  | —             | 33.200            |
| CLA NAV. P. COMPANC.          | 6           | —  | 6   | —             | 8.913             | 2           | — | 2  | —             | 2.915             | —           | — | — | —             | —                 | 8             | —  | 8   | —             | 11.826            |
| JAGUEL DE LOS MACHOS          | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | 1           | — | 1 | —             | 1.278             | 1             | —  | 1   | —             | 1.278             |
| AL NORTE DE LA DORSAL         | 1           | —  | 1   | —             | 926               | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 1             | —  | 1   | —             | 926               |
| CATRIEL OESTE                 | 1           | —  | 1   | —             | 1.336             | 1           | — | 1  | —             | 792               | —           | — | — | —             | —                 | 2             | —  | 2   | —             | 2.128             |
| CAÑADON AMARILLO              | 4           | —  | 4   | —             | 9.466             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 4             | —  | 4   | —             | 9.466             |
| PIEDRAS COLORADAS             | 6           | —  | 6   | —             | 9.736             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 6             | —  | 6   | —             | 9.736             |
| KOUEL KAYKE - EL VALLE        | 1           | —  | 1   | —             | 1.300             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 1             | —  | 1   | —             | 1.300             |
| EL MANZANO                    | 7           | —  | 7   | —             | 21.924            | —           | — | —  | 1             | 3.379             | —           | — | — | —             | —                 | 7             | —  | 7   | 3             | 25.303            |
| P. DEL CASTILLO - LA GUITARRA | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| PETROQ. C. RIVADAVIA          | 2           | —  | 2   | —             | 3.700             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 2             | —  | 2   | —             | 3.700             |
| KM 8 M. ROSALES               | 3           | —  | 3   | —             | 2.974             | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 3             | —  | 3   | —             | 2.974             |
| CENTRO ESTE                   | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| APCO.                         | —           | —  | —   | —             | —                 | —           | — | —  | 1             | 3.277             | —           | — | — | —             | —                 | —             | —  | —   | 1             | 3.277             |
| ANTICLINAL CAMPAMENTO         | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| PLUS PETROL                   | 4           | —  | 4   | —             | 10.232            | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 4             | —  | 4   | —             | 10.232            |
| CENTENARIO                    | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| P. PEREZ COMPANC              | 21          | —  | 21  | 1             | 42.796            | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 21            | —  | 21  | 1             | 42.796            |
| ENTRE LOMAS                   | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| BRIDAS                        | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| EL CORDON                     | 6           | —  | 6   | —             | 6.277             | 1           | — | 1  | —             | 894               | —           | — | — | —             | 2.300             | 1             | —  | 1   | —             | 2.300             |
| AL SUR DE LA DORSAL           | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | 2.984             | 7             | —  | 7   | 2             | 10.155            |
| UNDERO ATRAVESADO             | —           | —  | —   | —             | —                 | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | —             | —  | —   | —             | —                 |
| PIEDRA CLAVADA                | 53          | —  | 53  | —             | 94.813            | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 53            | —  | 53  | —             | 94.813            |
| ASTRA                         | 42          | 1  | 43  | 3             | 99.700            | —           | — | —  | —             | —                 | —           | — | — | —             | —                 | 42            | 1  | 43  | 3             | 99.700            |
| TOTAL CONCESIONES             | 194         | 5  | 199 | 6             | 384.844           | 4           | — | 4  | 2             | 11.257            | —           | — | — | —             | 6.562             | 200           | 5  | 205 | 10            | 402.663           |
| TOTAL GENERAL                 | 742         | 24 | 766 | 43            | 1.448.826         | 39          | 7 | 46 | 54            | 190.301           | —           | — | — | —             | 140.475           | 836           | 36 | 872 | 120           | 1.779.602         |

# ESTADO DE POZOS AL 31-12-91

| CONCEPTO                                                              | TOTAL | Y.P.F.              |                | OTRAS<br>EMPRESAS | LEY<br>17.319 |
|-----------------------------------------------------------------------|-------|---------------------|----------------|-------------------|---------------|
|                                                                       |       | ADMINIS-<br>TRACION | CONTRA-<br>TOS |                   |               |
| <b>1— PRODUCTIVOS DE PETROLEO</b>                                     | 11715 | 5192                | 1727           | 4796              | —             |
| En producción efectiva                                                | 10123 | 4383                | 1411           | 4329              | —             |
| parados transitoriamente                                              | 1276  | 561                 | 282            | 433               | —             |
| Parados por alta RGP/A                                                | 73    | 46                  | —              | 27                | —             |
| Parados por zona alejada                                              | 28    | 28                  | —              | —                 | —             |
| Parados por alta relación agua petróleo                               | 215   | 174                 | 34             | 7                 | —             |
| <b>2— PRODUCTIVOS DE GAS</b>                                          | 1222  | 770                 | 46             | 406               | —             |
| En producción efectiva                                                | 400   | 203                 | 15             | 182               | —             |
| Parados transitoriamente                                              | 160   | 119                 | 12             | 29                | —             |
| En reserva de gas                                                     | 662   | 448                 | 19             | 195               | —             |
| <b>3— EN ESTUDIO</b>                                                  | 565   | 176                 | 111            | 278               | —             |
| <b>4— EN ESPERA DE REPARACION</b>                                     | 110   | 82                  | 3              | 25                | —             |
| <b>5— EN REPARACION</b>                                               | 110   | 103                 | —              | 7                 | —             |
| <b>6— PARA MANTENIMIENTO DE PRESION<br/>O RECUPERACION SECUNDARIA</b> | 2769  | 1536                | 189            | 1044              | —             |
| En inyección de agua                                                  | 751   | 176                 | 2              | 573               | —             |
| Reserva para recuperación secundaria                                  | 1066  | 677                 | 20             | 369               | —             |
| Mantenimiento de presión                                              | 101   | 90                  | —              | 11                | —             |
| En inyección de gas                                                   | —     | —                   | —              | —                 | —             |
| Parados transitoriamente                                              | 851   | 593                 | 167            | 91                | —             |
| <b>7— A ABANDONAR</b>                                                 | 13165 | 6234                | 212            | 6719              | —             |
| <b>8— ABANDONADOS</b>                                                 | 5279  | 3323                | 207            | 1677              | 72            |
| <b>9— ESTRUCTURALES TERMINADOS</b>                                    | 131   | —                   | 126            | 5                 | —             |
| <b>TOTAL GENERAL</b>                                                  | 35066 | 17416               | 2621           | 14957             | 72            |

NOTA: No se incluyen pozos agua.

# **PRODUCCION DE PETROLEO Y MEDIA DIARIA MENSUAL** (En m<sup>3</sup>)

| MES        | AÑO 1989 |          | AÑO 1990 |          | AÑO 1991 |          |
|------------|----------|----------|----------|----------|----------|----------|
|            | m3       | m3 / día | m3       | m3 / día | m3       | m3 / día |
| Enero      | 2226561  | 71824    | 2328051  | 75098    | 2377866  | 76705    |
| Febrero    | 2014865  | 71959    | 2065309  | 73761    | 2165248  | 77330    |
| Marzo      | 2236022  | 72130    | 2340759  | 75508    | 2380044  | 76776    |
| Abril      | 2143059  | 71435    | 2239429  | 74647    | 2318311  | 77277    |
| Mayo       | 2242901  | 72352    | 2359208  | 76103    | 2375703  | 76636    |
| Junio      | 2125837  | 70861    | 2332340  | 77745    | 2326045  | 77535    |
| Julio      | 2252788  | 72671    | 2352749  | 75895    | 2358681  | 76087    |
| Agosto     | 2275187  | 73393    | 2426320  | 78268    | 2423959  | 78192    |
| Septiembre | 2243343  | 74778    | 2334838  | 77828    | 2342530  | 78084    |
| Octubre    | 2328228  | 75104    | 2428050  | 78324    | 2504756  | 80799    |
| Noviembre  | 2235563  | 74519    | 2348257  | 78275    | 2468455  | 82282    |
| Diciembre  | 2410231  | 77749    | 2448726  | 78991    | 2578922  | 83191    |

AÑO 1991

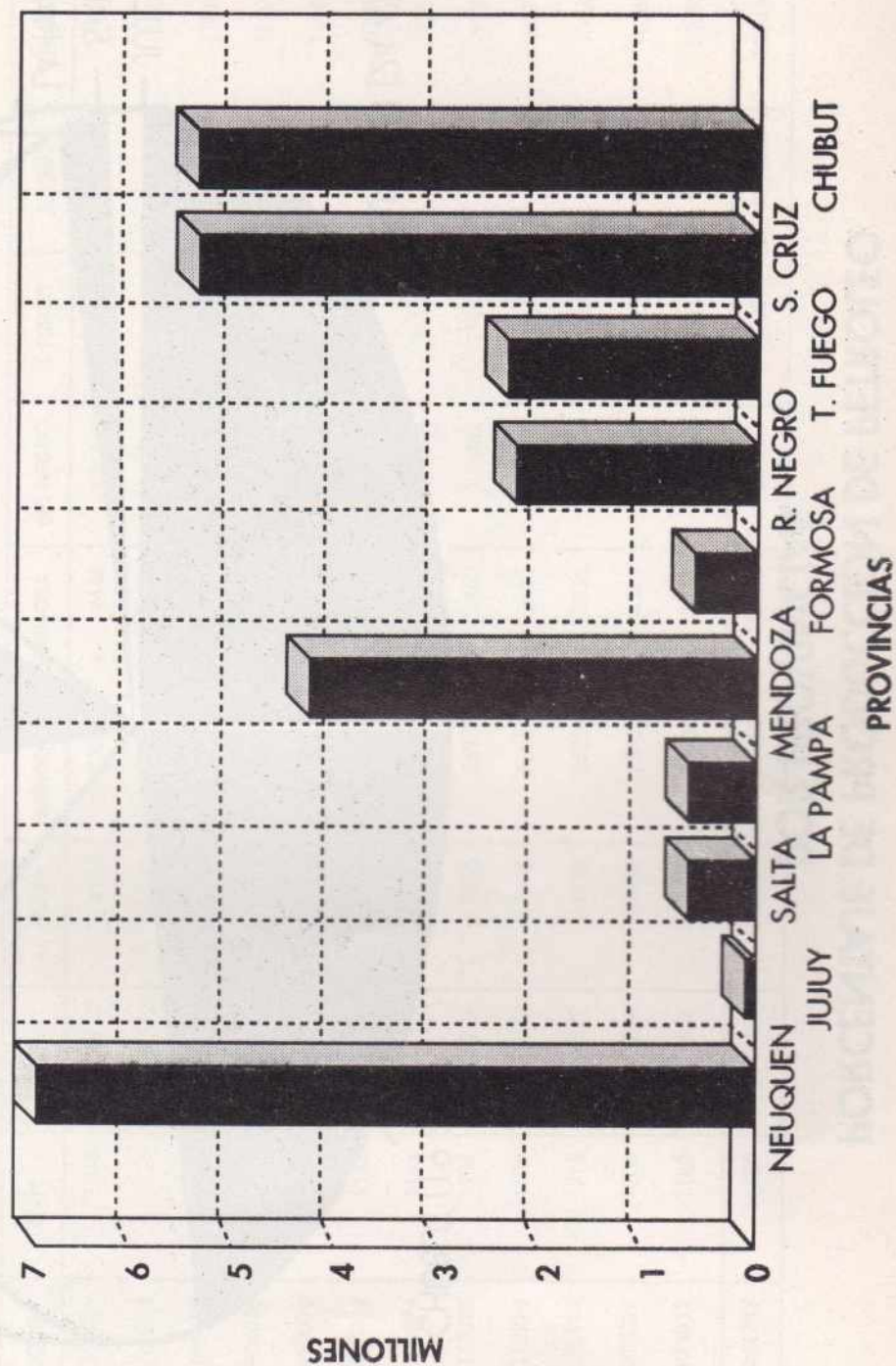
## PRODUCCION DE PETROLEO POR MES Y PROVINCIA

(en m<sup>3</sup>)

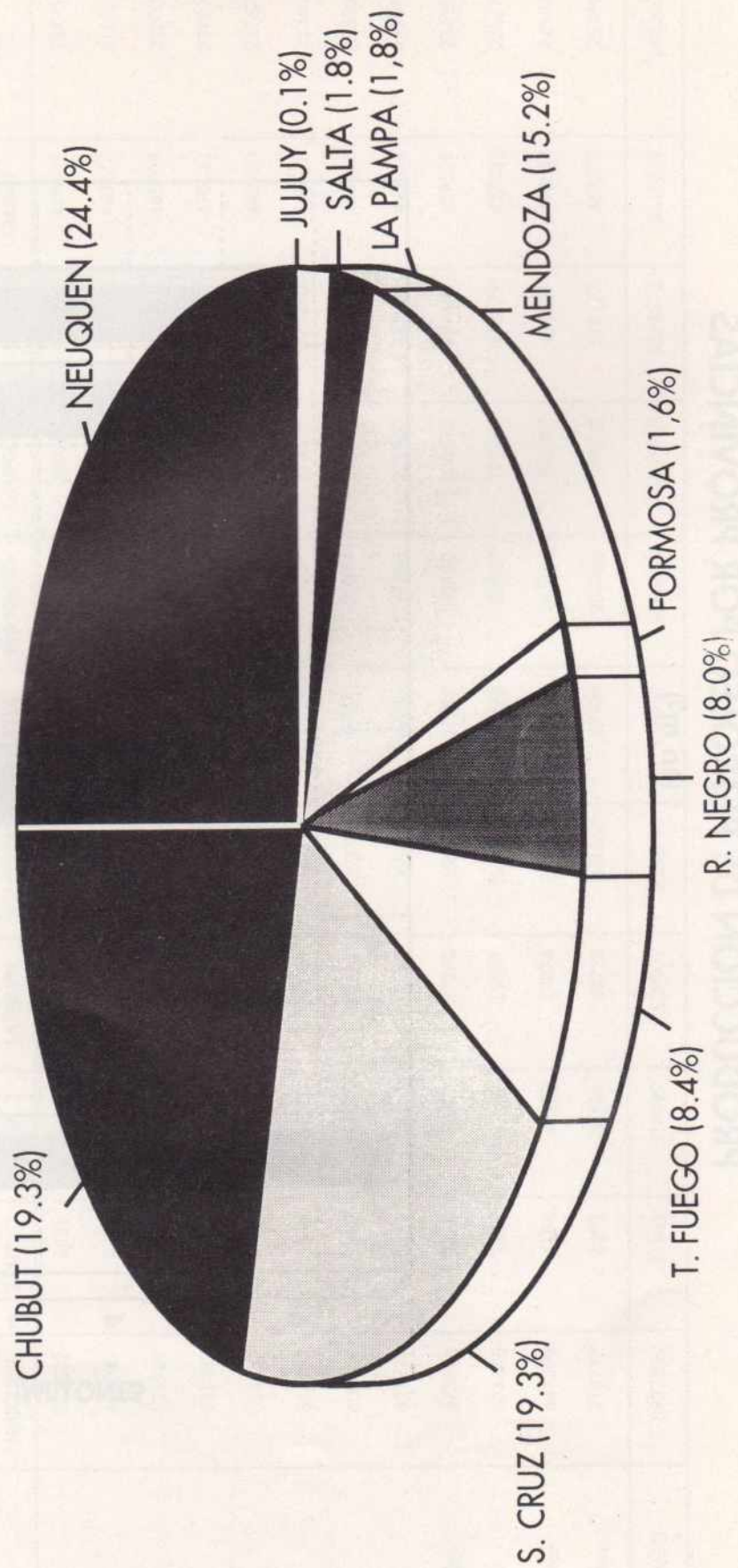
| MES        | P R O V I N C I A S |       |        |          |         |         |           |          |         |         | TOTAL<br>PAIS |
|------------|---------------------|-------|--------|----------|---------|---------|-----------|----------|---------|---------|---------------|
|            | NEUQUEN             | JUJUY | SALTA  | LA PAMPA | MENDOZA | FORMOSA | RIO NEGRO | T. FUEGO | S. CRUZ | CHUBUT  |               |
| Enero      | 501602              | 3621  | 35726  | 59212    | 366471  | 46520   | 192057    | 200906   | 485552  | 486199  | 2377866       |
| Febrero    | 461042              | 2982  | 35322  | 52818    | 337969  | 42639   | 167004    | 180860   | 440635  | 443977  | 2165248       |
| Marzo      | 531989              | 3324  | 40248  | 43592    | 375236  | 18850   | 196045    | 211293   | 473558  | 485909  | 2380044       |
| Abril      | 531289              | 3077  | 40500  | 42517    | 362406  | 39219   | 183898    | 197046   | 448026  | 470333  | 2318311       |
| Mayo       | 553747              | 3684  | 40630  | 43615    | 374850  | 42039   | 190407    | 187160   | 459381  | 480190  | 2375703       |
| Junio      | 564983              | 3386  | 45970  | 42006    | 346312  | 39795   | 179837    | 215418   | 429660  | 458678  | 2326045       |
| Julio      | 600508              | 3312  | 52636  | 42869    | 353765  | 41482   | 192777    | 213392   | 423402  | 434538  | 2358681       |
| Agosto     | 621471              | 3311  | 52765  | 41740    | 368018  | 38565   | 191986    | 225960   | 437089  | 443054  | 2423959       |
| Septiembre | 575848              | 2971  | 45661  | 39970    | 356371  | 37783   | 192183    | 200533   | 451681  | 439529  | 2342530       |
| Octubre    | 674685              | 3497  | 46227  | 41061    | 369692  | 39878   | 199049    | 195466   | 478179  | 457022  | 2504756       |
| Noviembre  | 641398              | 4184  | 43680  | 39374    | 364281  | 37274   | 197112    | 205367   | 487231  | 448554  | 2468455       |
| Diciembre  | 718777              | 4292  | 36534  | 40228    | 381567  | 32908   | 203355    | 174508   | 519177  | 467576  | 2578922       |
| TOTAL AÑO  | 6977339             | 41641 | 515899 | 529002   | 4356938 | 456952  | 2285710   | 2407909  | 5533571 | 5515559 | 28620520      |

# PRODUCCION DE PETROLEO POR PROVINCIAS

(en m<sup>3</sup>)



## PORCENTAJE DE PRODUCCION DE PETROLEO POR PROVINCIAS



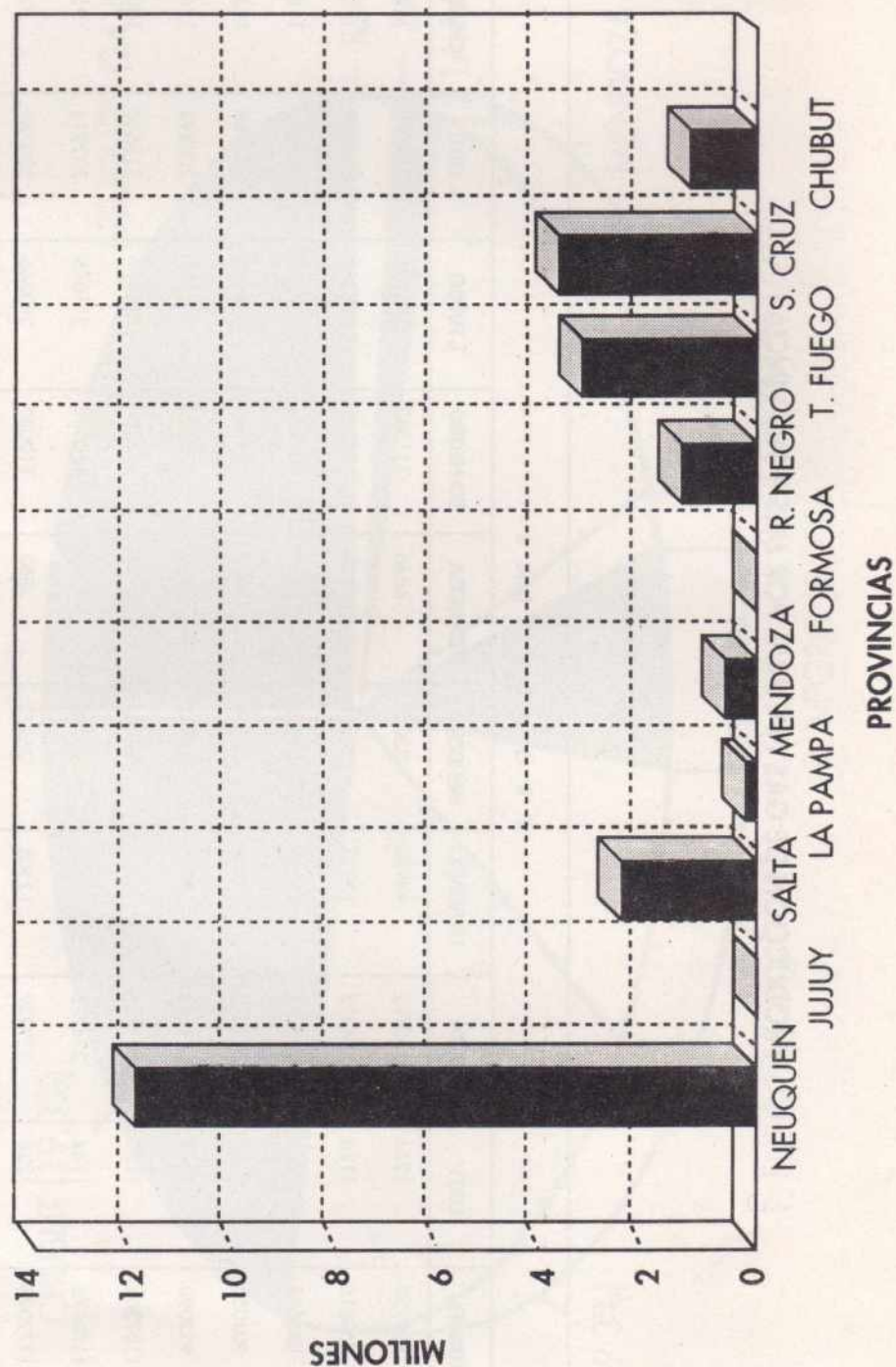
AÑO 1991

# PRODUCCION DE GAS NATURAL POR MES Y PROVINCIA (miles de m<sup>3</sup>)

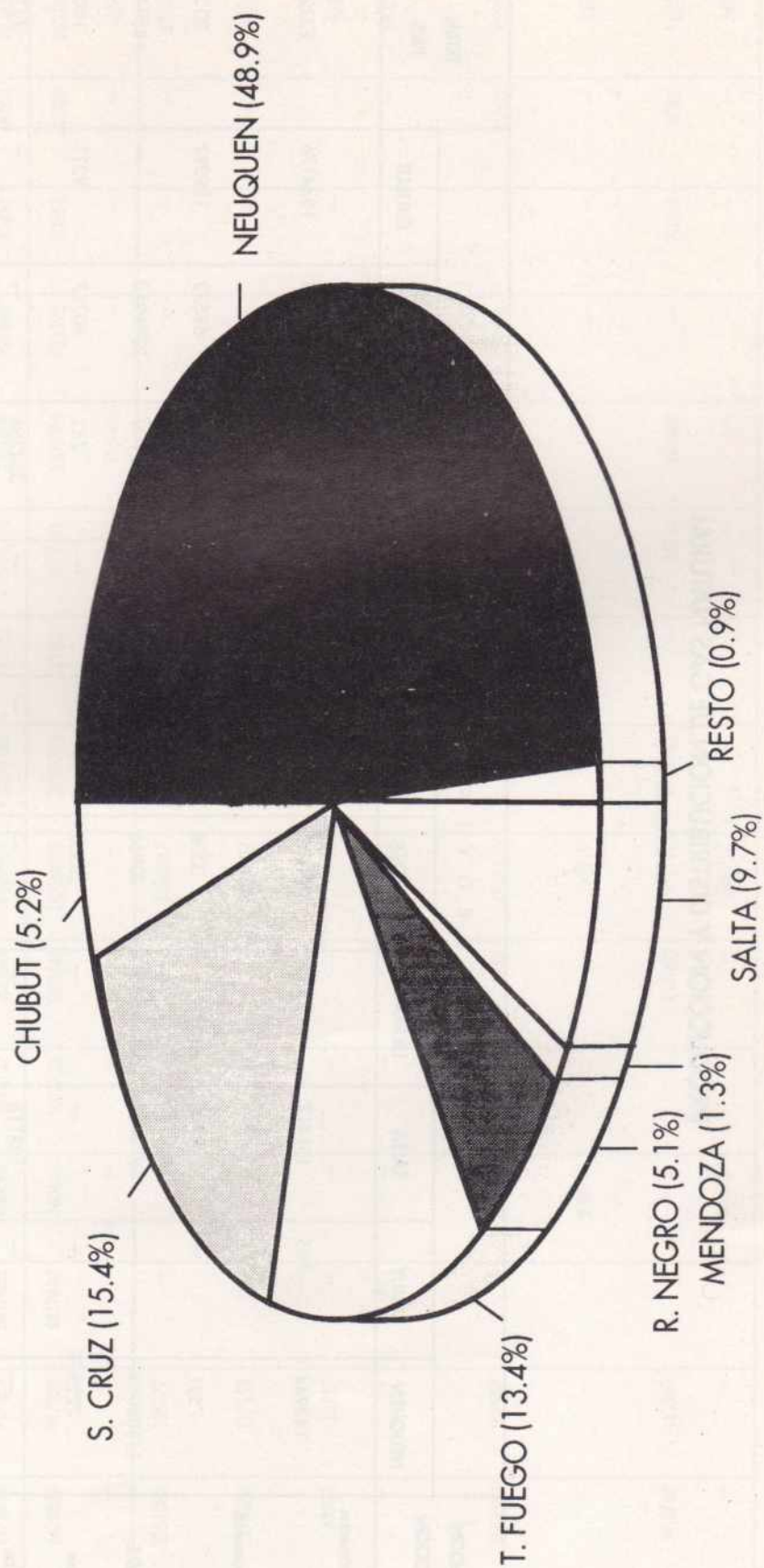
| MES        | P R O V I N C I A S |       |         |          |         |         |           |          |         |         | TOTAL<br>PAIS |
|------------|---------------------|-------|---------|----------|---------|---------|-----------|----------|---------|---------|---------------|
|            | NEUQUEN             | JUJUY | SALTA   | LA PAMPA | MENDOZA | FORMOSA | RIO NEGRO | T. FUEGO | S. CRUZ | CHUBUT  |               |
| Enero      | 829939              | 1246  | 165912  | 14950    | 33046   | 4646    | 111363    | 270401   | 354982  | 124817  | 1911302       |
| Febrero    | 768615              | 1126  | 154312  | 13137    | 26298   | 4130    | 95365     | 246338   | 312749  | 111622  | 1733692       |
| Marzo      | 896688              | 1246  | 185114  | 15138    | 27336   | 2559    | 101404    | 268693   | 346016  | 118829  | 1963023       |
| Abril      | 904058              | 1132  | 195513  | 13954    | 26570   | 3580    | 99385     | 244610   | 284968  | 113095  | 1886865       |
| Mayo       | 933090              | 1242  | 194384  | 14696    | 28912   | 3919    | 110392    | 279453   | 308392  | 116620  | 1991100       |
| Junio      | 1107304             | 1153  | 201966  | 14557    | 28605   | 3901    | 111087    | 294619   | 315640  | 100868  | 2179700       |
| Julio      | 1170975             | 1144  | 234773  | 14173    | 26790   | 4305    | 116104    | 311075   | 332914  | 95519   | 2307772       |
| Agosto     | 1172090             | 1236  | 229229  | 12508    | 26973   | 3850    | 110089    | 290046   | 330769  | 92243   | 2269033       |
| Septiembre | 1118914             | 1199  | 227584  | 13606    | 26053   | 3629    | 97854     | 264596   | 330288  | 93710   | 2180433       |
| Octubre    | 1152969             | 1213  | 218279  | 13428    | 26251   | 3536    | 99374     | 280617   | 326498  | 105462  | 2227627       |
| Noviembre  | 1015029             | 1206  | 215028  | 13482    | 25327   | 4544    | 102642    | 272218   | 303571  | 102609  | 2055656       |
| Diciembre  | 975032              | 1182  | 174558  | 13733    | 25958   | 3435    | 106424    | 278155   | 252263  | 105973  | 1936713       |
| TOTAL AÑO  | 12044703            | 14325 | 2396652 | 167362   | 326119  | 46034   | 1261483   | 3300821  | 3799050 | 1284367 | 24642916      |

# PRODUCCION DE GAS NATURAL POR PROVINCIA

(millones de m<sup>3</sup>)



## PORCENTAJE DE PRODUCCION DE GAS NATURAL POR PROVINCIAS



AÑO 1991

# PRODUCCION Y DISTRIBUCION DE GAS NATURAL (en miles de m<sup>3</sup>)

| DISTRIBUCION<br>Y PRODUCCION            | P R O V I N C I A S |              |                |               |               |              |                |                |                |                | TOTAL<br>PAIS   |
|-----------------------------------------|---------------------|--------------|----------------|---------------|---------------|--------------|----------------|----------------|----------------|----------------|-----------------|
|                                         | NEUQUEN             | JUJUY        | SALTA          | LA PAMPA      | MENDOZA       | FORMOSA      | RIO NEGRO      | T. FUEGO       | S. CRUZ        | CHUBUT         |                 |
| Consumo en yacimientos<br>industriales  | 143944              | 705          | 151417         | 1955          | 201910        | 1214         | 280502         | 154910         | 351525         | 1044176        | 2332258         |
| Consumo en yacimientos<br>residenciales | 7521                | —            | 9909           | —             | 3338          | —            | —              | 14276          | 69573          | 129281         | 233898          |
| Entregado a G.D.E.                      | 11106063            | —            | 1873389        | 47924         | 23956         | —            | 828304         | 2320900        | 2396955        | —              | 18597491        |
| Entregado a otros                       | 7229                | —            | —              | —             | 23332         | —            | —              | 262            | 60767          | 9211           | 100801          |
| Injectado a pozos                       | —                   | —            | 183116         | —             | —             | —            | —              | 584264         | —              | —              | 767380          |
| No aprovechado                          | 638984              | 13620        | 48847          | 117483        | 191229        | 44820        | 114832         | 186367         | 793852         | 205776         | 2355810         |
| Retenido en planta                      | 16970               | —            | 129974         | —             | 8346          | —            | 37845          | 39842          | 22301          | —              | 255278          |
| <b>Total distribución</b>               | <b>11920711</b>     | <b>14325</b> | <b>2396652</b> | <b>167362</b> | <b>452111</b> | <b>46034</b> | <b>1261483</b> | <b>3300821</b> | <b>3694973</b> | <b>1388444</b> | <b>24642916</b> |
| <b>Producción</b>                       | <b>12044703</b>     | <b>14325</b> | <b>2396652</b> | <b>167362</b> | <b>328119</b> | <b>46034</b> | <b>1261483</b> | <b>3300821</b> | <b>3799050</b> | <b>1284367</b> | <b>24642916</b> |

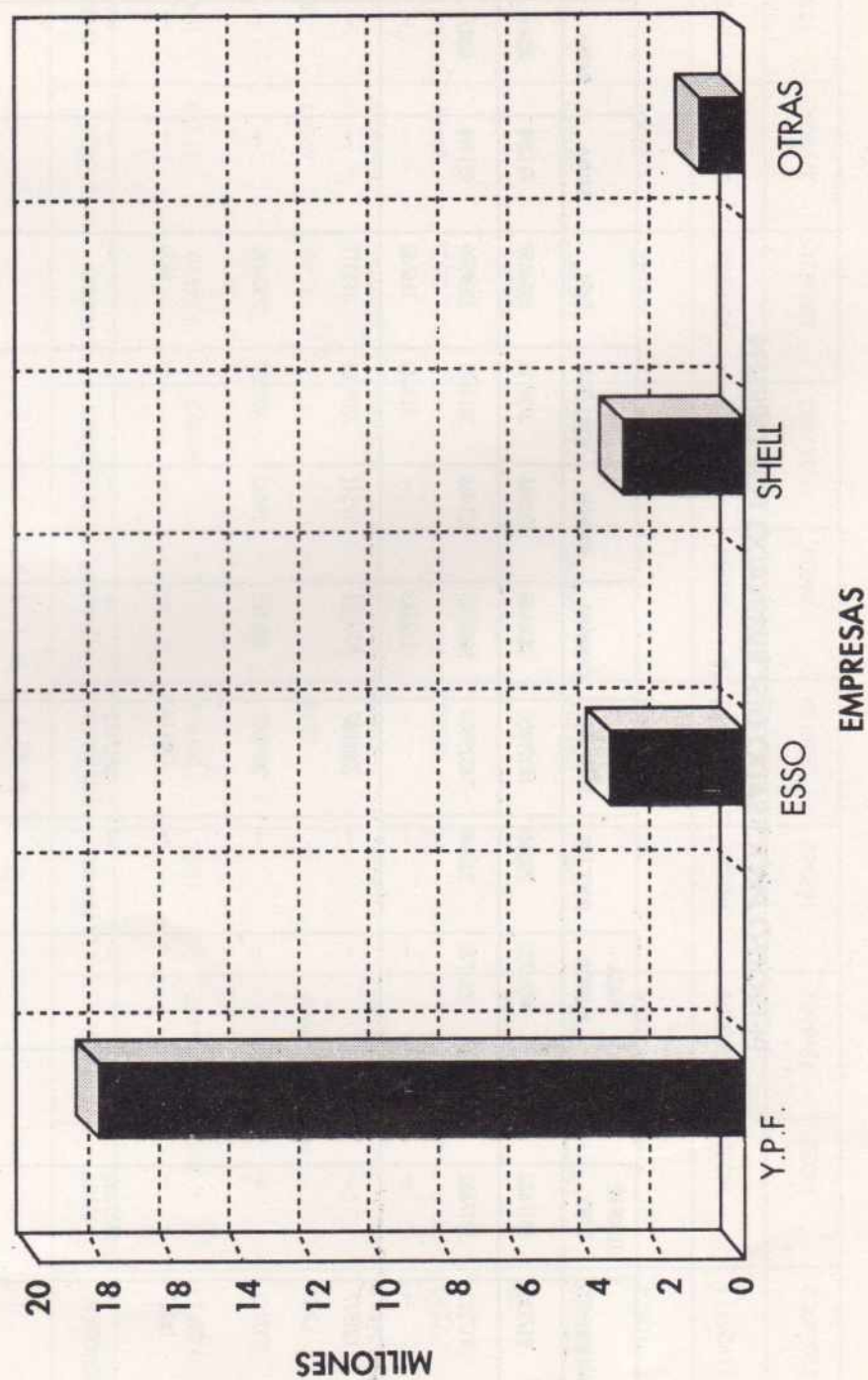
AÑO 1991

# PETROLEO PROCESADO DISCRIMINADO POR ORIGEN (en m<sup>3</sup>)

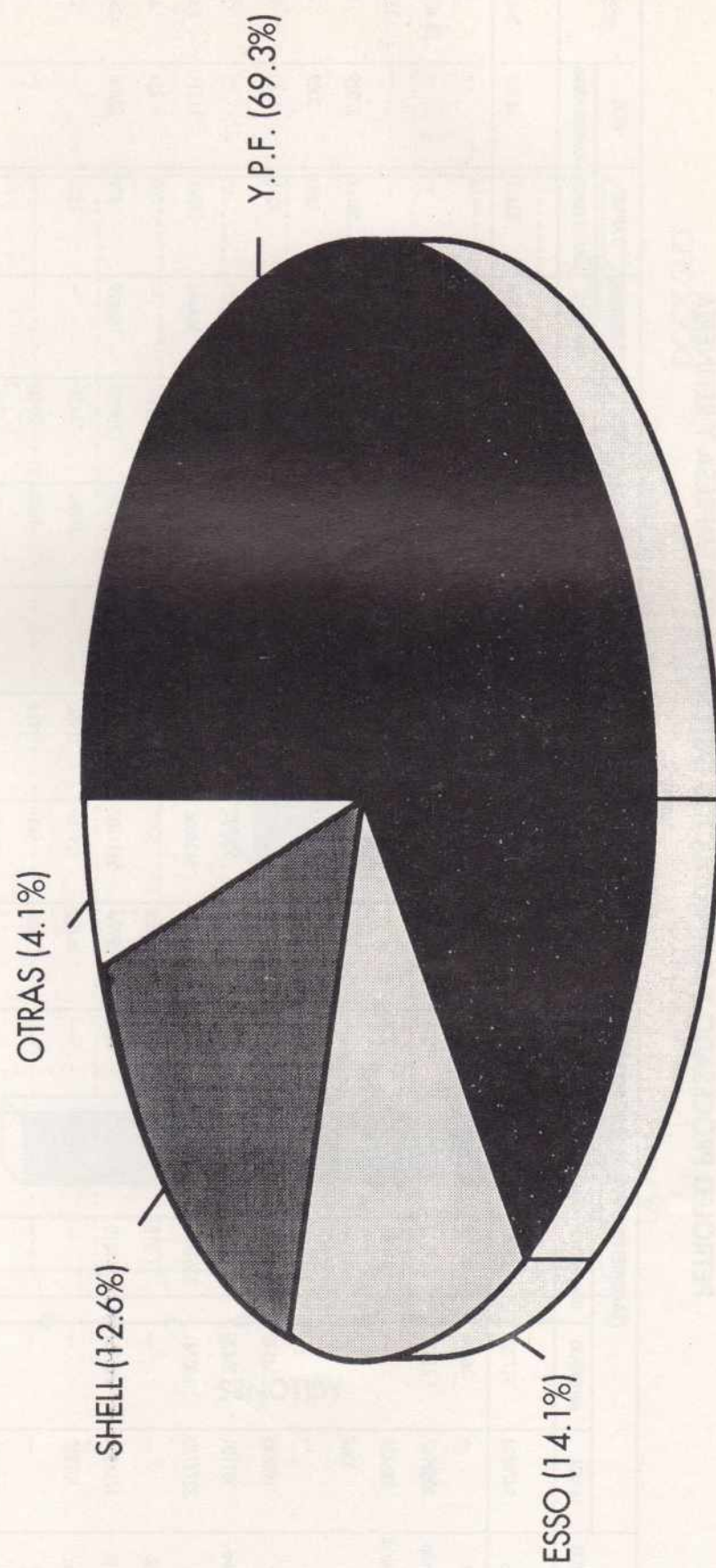
| PETROLEO                             | LA PLATA | SAN LORENZO | LUJAN DE<br>CUYO | CAMPO<br>DURAN | PLAZA<br>HUINCUL | DOCK SUD | TOTAL YPF | CAMPANA | GALVAN | TOTAL ESSO | SHELL   | ISAURA | DAPSA | SOL   | TOTAL    |
|--------------------------------------|----------|-------------|------------------|----------------|------------------|----------|-----------|---------|--------|------------|---------|--------|-------|-------|----------|
| Total                                | 9478834  | 917223      | 5817682          | 880686         | 1014732          | 220646   | 18329803  | 3204148 | 521966 | 3726114    | 3324659 | 921398 | 83451 | 68105 | 26453530 |
| Nacional                             | 9478834  | 917223      | 5817682          | 880686         | 1014732          | 220646   | 18329803  | 3089705 | 521966 | 3611671    | 3209599 | 921398 | 83451 | 68105 | 26224027 |
| Importado                            | —        | —           | —                | —              | —                | —        | —         | 114443  | —      | 114443     | 115060  | —      | —     | —     | 229503   |
| Chubut                               | 2251090  | 135777      | —                | —              | —                | —        | 2386867   | 2174224 | 29542  | 2203766    | 665317  | —      | —     | —     | 5255950  |
| Santa Cruz<br>Norte                  | 2374454  | 517153      | —                | —              | —                | —        | 2891607   | 880365  | 39862  | 920227     | 1086495 | —      | —     | —     | 4898329  |
| Santa Cruz<br>Sur                    | 143987   | 14127       | —                | —              | —                | —        | 158114    | —       | —      | —          | 5850    | —      | —     | —     | 163964   |
| Mendoza                              | —        | —           | 5817682          | —              | —                | —        | 5817682   | —       | —      | —          | —       | —      | —     | —     | 5817682  |
| Neuquén -<br>Rio Negro -<br>La Pampa | 3753540  | 107597      | —                | —              | 1014732          | 2786     | 4878655   | —       | 452562 | 452562     | 1257455 | 921398 | —     | 60023 | 7570093  |
| Salta -<br>Jujuy                     | —        | —           | —                | 530919         | —                | —        | 530919    | —       | —      | —          | —       | —      | —     | —     | 530919   |
| Tierra del<br>Fuego                  | 955763   | 142569      | —                | —              | —                | 217860   | 1316192   | 35116   | —      | 35116      | 194482  | —      | 83451 | 8082  | 1637323  |
| Formosa                              | —        | —           | —                | 349767         | —                | —        | 349767    | —       | —      | —          | —       | —      | —     | —     | 349767   |

## PETROLEO PROCESADO

(en millones m<sup>3</sup>)



## PORCENTAJE DE PETROLEO PROCESADO



AÑO 1991

# PETROLEO PROCESADO Y SUBPRODUCTOS OBTENIDOS POR EMPRESA Y REFINERIA

(en m<sup>3</sup>)

| SUB-PRODUCTOS         | YACIMIENTOS PETROLIFEROS FISCALES |             |               |             |               |          |             |         |        |            | ESSO    |        |       | SHELL | ISAURA      | DAPSA    | SOL | TOTAL |
|-----------------------|-----------------------------------|-------------|---------------|-------------|---------------|----------|-------------|---------|--------|------------|---------|--------|-------|-------|-------------|----------|-----|-------|
|                       | LA PLATA                          | SAN LORENZO | LUJAN DE CUYO | CAMPO DURAN | PLAZA HUINCUL | DOCK SUD | TOTAL YPF   | CAMPANA | GALVAN | TOTAL ESSO |         |        |       |       |             |          |     |       |
| Petroleo Procesado    | 9478834                           | 917223      | 5817682       | 880686      | 1014732       | 220646   | 18329803    | 3204148 | 521966 | 3726114    | 3324659 | 921398 | 83451 | 68105 |             | 26453530 |     |       |
| Aeronautia            | —                                 | 16698       | —             | —           | —             | —        | 16698       | —       | —      | 0          | —       | —      | —     | —     | 16698       |          |     |       |
| Nafta Común           | 2058967                           | 41523       | 679918        | —           | 90318         | 55916    | (1) 2926642 | 429837  | 51154  | 480991     | 447269  | 146121 | —     | —     | (3) 4001023 |          |     |       |
| Nafta Especial        | 886451                            | —           | 981884        | —           | 97736         | —        | 1966071     | 556025  | 69275  | 625300     | 780174  | 154519 | —     | —     | 3526064     |          |     |       |
| Solvente              | 3084                              | —           | —             | —           | —             | 2030     | 5114        | 17528   | —      | 17528      | 10163   | —      | 38164 | 27029 | 97998       |          |     |       |
| Aguarras              | —                                 | —           | —             | —           | —             | 11459    | 11459       | 10557   | —      | 10557      | 16421   | —      | 7490  | 3089  | 49016       |          |     |       |
| Kerosene              | 197740                            | 54543       | 134168        | —           | 22272         | 6008     | 414731      | 31141   | 3328   | 34469      | 32475   | 42866  | 9218  | 1162  | 534921      |          |     |       |
| Comb. Retno.          | 351101                            | 28420       | 42843         | 30090       | 54531         | —        | 506985      | 119518  | —      | 119518     | 149097  | —      | —     | —     | 775600      |          |     |       |
| Gas - Oil             | 3276730                           | 260741      | 2362760       | 350702      | 308309        | 75416    | 6634658     | 1198541 | 229980 | 1428521    | 967668  | 364696 | 15961 | 11211 | 9422715     |          |     |       |
| Diesel - Oil          | —                                 | —           | 218           | —           | —             | 5483     | 5701        | 472459  | 6395   | 478854     | 2262    | —      | 100   | 424   | 487341      |          |     |       |
| Fuel - Oil (t)        | 1754551                           | 436951      | 361210        | 14166       | 4255          | 39974    | 2611107     | 118128  | —      | 118128     | 745053  | 156629 | 479   | 22806 | 3654202     |          |     |       |
| Lubrificantes         | 101212                            | —           | —             | —           | —             | 28488    | 129700      | 31986   | —      | 31986      | 74439   | —      | 2523  | —     | 238648      |          |     |       |
| Grasas (t)            | —                                 | —           | —             | —           | —             | 5481     | 5481        | 1214    | —      | 1214       | 2014    | —      | —     | —     | 8709        |          |     |       |
| Asfaltos (t)          | 132413                            | —           | —             | —           | —             | —        | 132413      | —       | —      | 0          | 96735   | —      | —     | —     | 229148      |          |     |       |
| R. Pesados (t)        | 16981                             | —           | —             | —           | —             | —        | 16981       | 51267   | —      | 51267      | 177711  | —      | —     | —     | (2) 245959  |          |     |       |
| Coque y C. Res. (t)   | 337181                            | —           | 453017        | —           | —             | —        | 790198      | 403805  | 182    | 403987     | 68348   | —      | —     | —     | 1262533     |          |     |       |
| Gas                   | 106354                            | —           | 74909         | —           | —             | —        | 181263      | 33281   | —      | 33281      | 27187   | 15816  | —     | —     | 257547      |          |     |       |
| Gas Butano (t)        | 147816                            | —           | 157779        | —           | —             | —        | 305595      | 41195   | —      | 41195      | 11113   | 26370  | —     | —     | 384273      |          |     |       |
| G. Seco (miles de m³) | 209163                            | 8914        | 219152        | —           | 43706         | —        | 480935      | 128074  | 3599   | 131673     | 76960   | —      | —     | —     | 689568      |          |     |       |

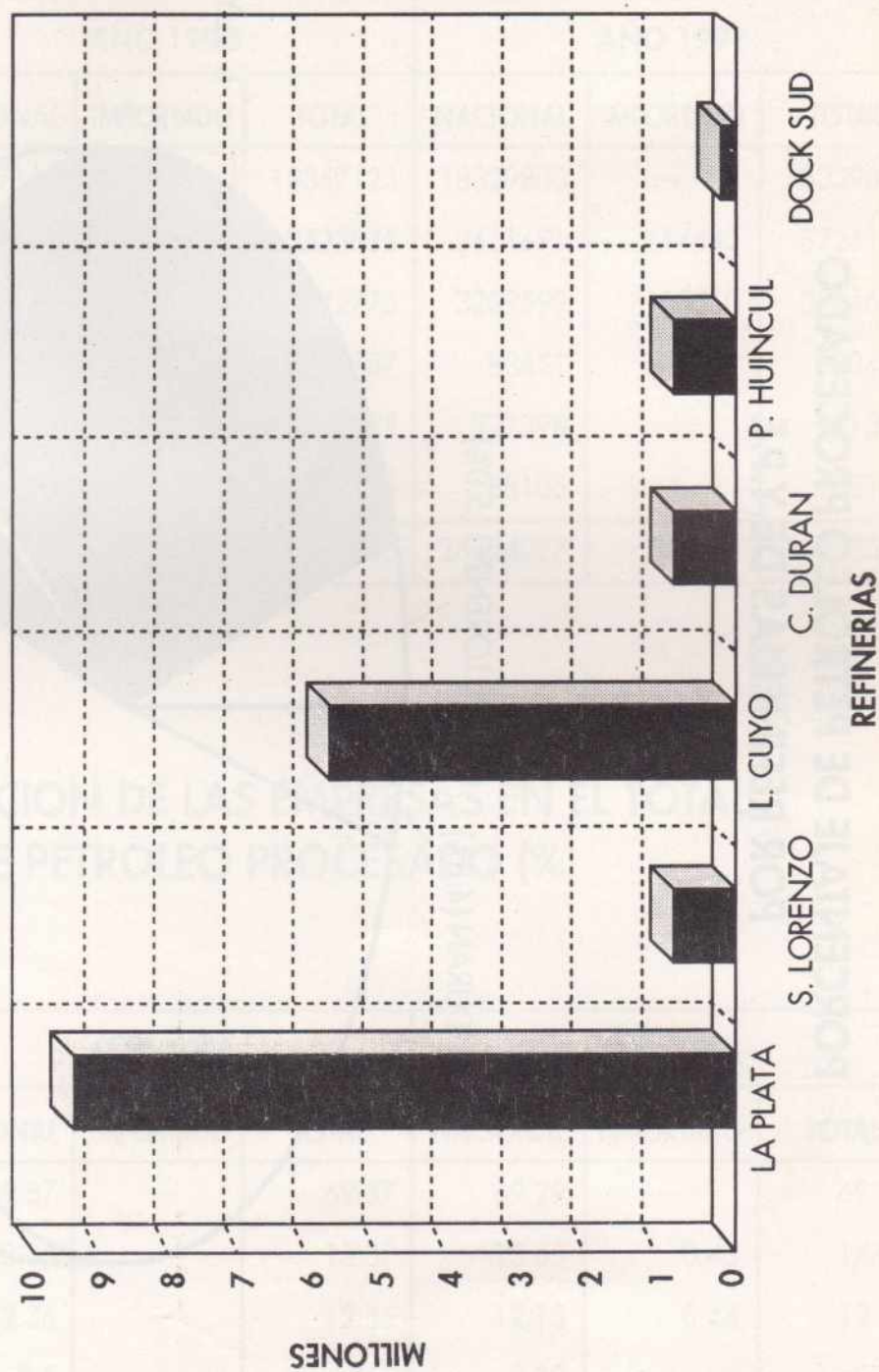
(1) No incluye 25209 m<sup>3</sup> de gasolina transferido y 101907 m<sup>3</sup> de nafta para reformar transferido

(2) No incluye 20527 ton. de Parafina de Plata

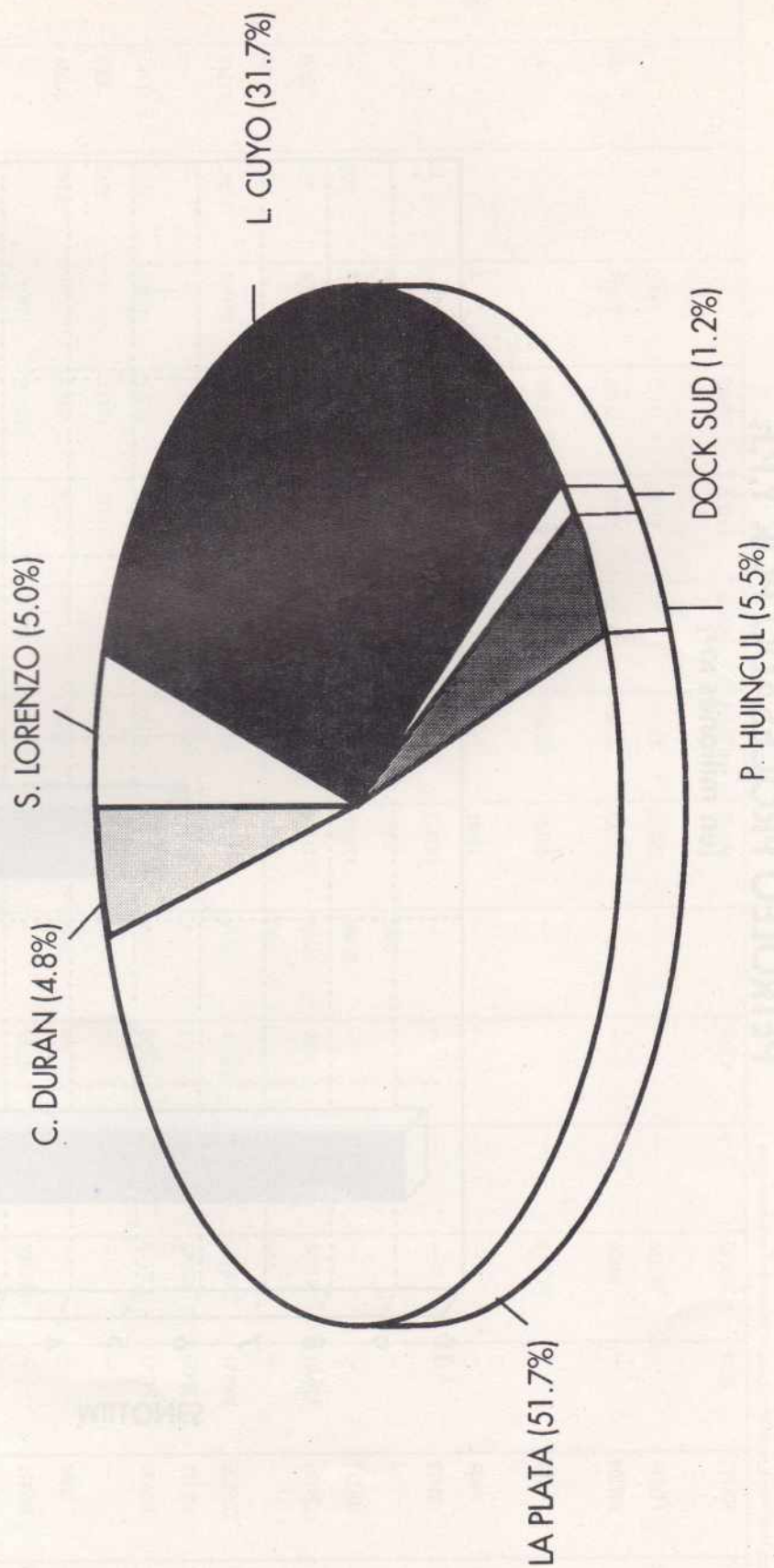
(3) Incluye nafta sin plomo

# **PETROLEO PROCESADO POR Y.P.F.**

(en millones m<sup>3</sup>)



## PORCENTAJE DE PETROLEO PROCESADO POR REFINERIAS DE Y.P.F.



## PETROLEO PROCESADO DISCRIMINADO POR EMPRESA

(en m<sup>3</sup>)

| EMPRESA          | AÑO 1990 |           |          | AÑO 1991 |           |          |
|------------------|----------|-----------|----------|----------|-----------|----------|
|                  | NACIONAL | IMPORTADO | TOTAL    | NACIONAL | IMPORTADO | TOTAL    |
| Y.P.F.           | 18367123 | —         | 18367123 | 18329803 | —         | 18329803 |
| ESSO S.A.P.A.    | 3533835  | —         | 3533835  | 3611671  | 114443    | 3726114  |
| SHELL C.A.P.S.A. | 3272776  | —         | 3272776  | 3209599  | 115060    | 3324659  |
| D.A.P.S.A.       | 134787   | —         | 134787   | 83451    | —         | 83451    |
| ISAURA S.A.      | 979122   | —         | 979122   | 921398   | —         | 921398   |
| S.A.SOL          | 190295   | —         | 190295   | 68105    | —         | 68105    |
| <b>TOTALES</b>   | 26477938 | —         | 26477938 | 26224027 | 229503    | 26453530 |

## PARTICIPACION DE LAS EMPRESAS EN EL TOTAL DE PETROLEO PROCESADO (%)

| EMPRESA          | AÑO 1990 |           |       | AÑO 1991 |           |       |
|------------------|----------|-----------|-------|----------|-----------|-------|
|                  | NACIONAL | IMPORTADO | TOTAL | NACIONAL | IMPORTADO | TOTAL |
| Y.P.F.           | 69.37    | —         | 69.37 | 69.29    | —         | 69.29 |
| ESSO S.A.P.A.    | 13.35    | —         | 13.37 | 13.65    | 0.43      | 14.08 |
| SHELL C.A.P.S.A. | 12.36    | —         | 12.36 | 12.13    | 0.44      | 12.57 |
| D.A.P.S.A.       | 0.5      | —         | 0.5   | 0.32     | —         | 0.32  |
| ISAURA S.A.      | 3.7      | —         | 3.7   | 3.48     | —         | 3.48  |
| S.A.SOL          | 0.72     | —         | 0.72  | 0.26     | —         | 0.26  |
| <b>TOTALES</b>   | 100      | —         | 100   | 99.13    | 0.87      | 100   |

## SUBPRODUCTOS OBTENIDOS POR EMPRESA

(en m<sup>3</sup>)

| EMPRESA          | AERONAFTA    |              | * NAFTA COMUN  |                |
|------------------|--------------|--------------|----------------|----------------|
|                  | AÑO 1990     | AÑO 1991     | AÑO 1990       | AÑO 1991       |
| Y.P.F.           | 19343        | 16698        | 2710683        | 2926642        |
| ESSO S.A.P.A.    | —            | —            | 647817         | 480991         |
| SHELL C.A.P.S.A. | —            | —            | 513478         | 447269         |
| ISAURA S.A.      | —            | —            | 88548          | 146121         |
| P.A.S.A.         | —            | —            | 276878         | 195770         |
| <b>TOTALES</b>   | <b>19343</b> | <b>16698</b> | <b>4237404</b> | <b>4196793</b> |

\* Incluye nafta sin plomo para exportación

| EMPRESA          | * NAFTA ESPECIAL |                | ** SOLVENTE   |               |
|------------------|------------------|----------------|---------------|---------------|
|                  | AÑO 1990         | AÑO 1991       | AÑO 1990      | AÑO 1991      |
| Y.P.F.           | 1816763          | 1966071        | 1570          | 5114          |
| ESSO S.A.P.A.    | 506687           | 625300         | —             | —             |
| SHELL C.A.P.S.A. | 516524           | 780174         | 25511         | 10163         |
| D.A.P.S.A.       | —                | —              | 95553         | 38164         |
| S.A.SOL          | —                | —              | 162152        | 27029         |
| F.M.T.S.         | —                | —              | 8273          | 9770          |
| EXXON CHEM. ARG. | —                | —              | 18570         | 17528         |
| ISAURA S.A.      | 87654            | 154519         | —             | —             |
| <b>TOTALES</b>   | <b>2927628</b>   | <b>3526064</b> | <b>311629</b> | <b>107768</b> |

\* Incluye nafta sin plomo para exportación

\*\* No incluye producción de P.A.S.A. y P.G.M.

## SUBPRODUCTOS OBTENIDOS POR EMPRESA

(en m<sup>3</sup>)

| EMPRESA          | AGUARRAS     |              | KEROSENE      |               |
|------------------|--------------|--------------|---------------|---------------|
|                  | AÑO 1990     | AÑO 1991     | AÑO 1990      | AÑO 1991      |
| Y.P.F.           | 1408         | 11459        | 480489        | 414731        |
| ESSO S.A.P.A.    | —            | —            | 39485         | * 34469       |
| SHELL C.A.P.S.A. | 14832        | 16421        | 20181         | 32475         |
| D.A.P.S.A.       | 18072        | 7490         | 5292          | 9218          |
| ISAURA S.A.      | —            | —            | 46359         | 42866         |
| S.A.SOL          | 11185        | 3089         | 2279          | 1162          |
| F.M.T.S.         | 1277         | 3474         | —             | —             |
| EXXON CHEM. ARG. | 23566        | 10557        | —             | —             |
| <b>TOTALES</b>   | <b>70340</b> | <b>52490</b> | <b>594085</b> | <b>534921</b> |

\* Incluye 2460 m<sup>3</sup> de EXXON

| EMPRESA          | COMB. P/ REPTROPROPULSION |               | GAS - OIL      |                |
|------------------|---------------------------|---------------|----------------|----------------|
|                  | AÑO 1990                  | AÑO 1991      | AÑO 1990       | AÑO 1991       |
| Y.P.F.           | 634876                    | 506985        | 6124543        | 6634658        |
| ESSO S.A.P.A.    | 103567                    | 119518        | 1350851        | * 1428521      |
| SHELL C.A.P.S.A. | 123180                    | 149097        | 1034727        | 967668         |
| D.A.P.S.A.       | —                         | —             | 24006          | 15961          |
| ISAURA S.A.      | —                         | —             | 361269         | 364696         |
| S.A. SOL         | —                         | —             | 52483          | 11211          |
| <b>TOTALES</b>   | <b>861623</b>             | <b>775600</b> | <b>8947879</b> | <b>9422715</b> |

\* Incluye 13440 m<sup>3</sup> de EXXON

## SUBPRODUCTOS OBTENIDOS POR EMPRESA

(en m<sup>3</sup>)

| EMPRESA          | DIESEL - OIL  |               | FUEL - OIL (t) |                |
|------------------|---------------|---------------|----------------|----------------|
|                  | AÑO 1990      | AÑO 1991      | AÑO 1990       | AÑO 1991       |
| Y.P.F.           | 15260         | 5701          | 3028731        | 2611107        |
| ESSO S.A.P.A.    | 473446        | 478854        | 160272         | 118128         |
| SHELL C.A.P.S.A. | 17177         | 2262          | 750674         | 745053         |
| D.A.P.S.A.       | 3298          | 100           | 14024          | 525            |
| S.A. SOL         | —             | 424           | 8175           | 22806          |
| ISAURA S.A.      | —             | —             | 177056         | 156629         |
| <b>TOTALES</b>   | <b>509181</b> | <b>487341</b> | <b>4138932</b> | <b>3654248</b> |

| EMPRESA          | LUBRICANTES   |               | GRASAS (t)  |             |
|------------------|---------------|---------------|-------------|-------------|
|                  | AÑO 1990      | AÑO 1991      | AÑO 1990    | AÑO 1991    |
| Y.P.F.           | 120190        | 129700        | 5423        | 5481        |
| ESSO S.A.P.A.    | 33068         | 31986         | 1155        | 1214        |
| SHELL C.A.P.S.A. | 75369         | 74439         | 2337        | 2014        |
| D.A.P.S.A.       | 1384          | 2523          | —           | —           |
| TEXACO           | 12592         | 10972         | 507         | 610         |
| <b>TOTALES</b>   | <b>242603</b> | <b>249620</b> | <b>9422</b> | <b>9319</b> |

## SUBPRODUCTOS OBTENIDOS POR EMPRESA

(en toneladas)

| EMPRESA          | ASFALTOS |          | COQUE Y C. RESIDUAL |          |
|------------------|----------|----------|---------------------|----------|
|                  | AÑO 1990 | AÑO 1991 | AÑO 1990            | AÑO 1991 |
| Y.P.F.           | 121397   | 132413   | 830577              | 812005   |
| ESSO S.A.P.A.    | —        | —        | 367592              | 403987   |
| SHELL C.A.P.S.A. | 80340    | 96735    | 50040               | 68348    |
| D.A.P.S.A.       | 1590     | —        | —                   | —        |
| TOTALES          | 203332   | 229148   | 1248209             | 1284340  |

## PRODUCCION DE GAS LICUADO (C<sub>3</sub> Y C<sub>4</sub>)

| EMPRESA                      | AÑO 1990 | AÑO 1991 |
|------------------------------|----------|----------|
| OBTENIDO DE PETROLEO         | 621965   | 696431   |
| Y.P.F.                       | 400163   | 486858   |
| ESSO S.A.P.A.                | 82334    | 74476    |
| SHELL C.A.P.S.A.             | 35320    | 38300    |
| ISAURA S.A.                  | 31237    | 36749    |
| P.A.S.A.                     | 27057    | 26000    |
| PETROQUIMICA GENERAL MOSCONI | 9695     | 21458    |
| DUPERIAL                     | 14930    | 12590    |
| OBTENIDO DE GAS NATURAL      | 849527   | 801570   |
| Y.P.F.                       | 261953   | 259169   |
| • CAMPO DURAN                | 161668   | 178461   |
| • YACIMIENTO                 | 100285   | 80708    |
| GAS DEL ESTADO               | 547515   | 514299   |
| PEREZ COMPANC                | 25265    | 15810    |
| PETROQUIMICA BAHIA BLANCA    | 14794    | 12292    |
| TOTALES                      | 1450263  | 1498001  |

AÑO 1991

# DISTRIBUCION DE GAS DE DESTILERIA POR EMPRESA

(en miles de m<sup>3</sup>)

| CONCEPTO                           | Y.P.F.   |          | ESSO S.A.P.A. |          | SHELL C.A.P.S.A. |          | TOTAL    |          |
|------------------------------------|----------|----------|---------------|----------|------------------|----------|----------|----------|
|                                    | AÑO 1990 | AÑO 1991 | AÑO 1990      | AÑO 1991 | AÑO 1990         | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Producción                         | 398563   | 480935   | 148056        | 131673   | 80622            | 76960    | 627241   | 689568   |
| Recibido                           | 8297     | —        | —             | —        | —                | —        | 8297     | —        |
| Total distribución                 | 406860   | 480935   | 148056        | 131673   | 80622            | 76960    | 635536   | 689568   |
| Consumo en destilería              | 351447   | 419614   | 145867        | 130939   | 78007            | 74476    | 575321   | 625029   |
| Entregado a Gas del Estado         | —        | —        | —             | —        | —                | —        | —        | —        |
| Entregado a Empresas Petroquímicas | 26386    | 31051    | —             | —        | —                | —        | 26386    | 31051    |
| Entregado a otros consumidores     | —        | —        | —             | —        | —                | —        | —        | —        |
| No aprovechado                     | 29027    | 30270    | 2189          | 734      | 2615             | 2484     | 33831    | 33488    |

AÑO 1991

**IMPORTACION DE PETROLEO Y DERIVADOS**

(valor C. y F. u\$s)

| PRODUCTOS                  | PAIS                | Millones m <sup>3</sup> | Miles de Tn   | Miles de u\$s    |
|----------------------------|---------------------|-------------------------|---------------|------------------|
| <b>FUEL-OIL</b>            | <b>TOTAL</b>        |                         | <b>624.34</b> | <b>48487.60</b>  |
|                            | Antillas Holandesas |                         | 52.14         | 4359.79          |
|                            | E.E.U.U.            |                         | 51.52         | 4233.76          |
|                            | Peru                |                         | 212.04        | 16847.57         |
|                            | Trinidad Tobago     |                         | 54.92         | 4092.15          |
|                            | Venezuela           |                         | 96.12         | 6029.38          |
|                            | Brasil              |                         | 49.36         | 3905.44          |
|                            | Colombia            |                         | 100.41        | 8320.25          |
|                            | Paraguay            |                         | 7.83          | 699.27           |
| <b>PARAFINAS</b>           | <b>TOTAL</b>        |                         | <b>2.76</b>   | <b>3049.99</b>   |
|                            | Alemania            |                         | 0.15          | 162.11           |
|                            | E.E.U.U.            |                         | 1.03          | 1071.85          |
|                            | Brasil              |                         | 0.15          | 245.07           |
|                            | España              |                         | 0.07          | 76.50            |
|                            | Luxemburgo          |                         | 0.02          | 30.19            |
|                            | Sudáfrica           |                         | 0.03          | 41.30            |
|                            | Holanda             |                         | 0.01          | 1.46             |
|                            | Bélgica             |                         | 0.01          | 16.72            |
|                            | Francia             |                         | 0.01          | 8.59             |
|                            | Portugal            |                         | 0.01          | 0.64             |
|                            | S/discriminar       |                         | 1.28          | 1395.57          |
| <b>ASFALTOS</b>            | <b>TOTAL</b>        |                         | <b>0.14</b>   | <b>60.64</b>     |
|                            | E.E.U.U.            |                         | 0.04          | 23.74            |
|                            | S/discriminar       |                         | 0.10          | 36.90            |
| <b>RESIDUOS DE HIDROC.</b> | <b>TOTAL</b>        |                         | <b>46.94</b>  | <b>4802.77</b>   |
|                            | Brasil              |                         | 22.56         | 2969.33          |
|                            | E.E.U.U.            |                         | 24.38         | 1833.44          |
| <b>GAS NATURAL</b>         | <b>TOTAL</b>        | <b>2177.74</b>          |               | <b>232627.22</b> |
|                            | Bolivia             | 2177.74                 |               | 232627.22        |

AÑO 1991

## IMPORTACION DE PETROLEO Y DERIVADOS

(valor C. y F. u\$s)

| PRODUCTOS                         | PAIS                | Millones m <sup>3</sup> | Miles de Tn | Miles de u\$s   |
|-----------------------------------|---------------------|-------------------------|-------------|-----------------|
| <b>PETROLEO</b>                   | <b>TOTAL</b>        | <b>247.40</b>           |             | <b>37295.80</b> |
|                                   | Nigeria             | 247.40                  |             | 37295.80        |
| <b>SOLVENTE</b>                   | <b>TOTAL</b>        | <b>0.73</b>             |             | <b>368.64</b>   |
|                                   | Chile               | 0.01                    |             | 10.02           |
|                                   | E.E.U.U.            | 0.42                    |             | 232.69          |
|                                   | Alemania            | 0.02                    |             | 22.62           |
|                                   | S/discriminar       | 0.27                    |             | 103.32          |
| <b>KEROSENE Y J. P.</b>           | <b>TOTAL</b>        | <b>53.26</b>            |             | <b>8999.27</b>  |
|                                   | Antillas Holandesas | 43.89                   |             | 7447.09         |
|                                   | Costa de Marfil     | 9.37                    |             | 1552.18         |
| <b>GAS—OIL</b>                    | <b>TOTAL</b>        | <b>301.44</b>           |             | <b>53011.79</b> |
|                                   | Antillas Holandesas | 138.34                  |             | 23431.39        |
|                                   | E.E.U.U.            | 76.48                   |             | 12249.61        |
|                                   | Costa de marfil     | 86.62                   |             | 17330.79        |
| <b>ACEITE LUBRICANTE Y GRASAS</b> | <b>TOTAL</b>        | <b>41.43</b>            |             | <b>18748.69</b> |
|                                   | Alemania            | 0.08                    |             | 120.39          |
|                                   | E.E.U.U.            | 3.14                    |             | 1933.69         |
|                                   | Francia             | 0.09                    |             | 157.31          |
|                                   | Antillas Holandesas | 1.39                    |             | 609.41          |
|                                   | Brasil              | 2.00                    |             | 869.10          |
|                                   | Canadá              | 0.04                    |             | 51.29           |
|                                   | Chile               | 0.03                    |             | 42.45           |
|                                   | Italia              | 20.42                   |             | 8277.55         |
|                                   | Venezuela           | 0.03                    |             | 19.71           |
|                                   | Méjico              | 0.01                    |             | 21.89           |
|                                   | S/discriminar       | 14.20                   |             | 6645.90         |

# IMPORTACION DE DERIVADOS DE PETROLEO Y GAS NATURAL

(unidad - valor u\$s C. y F.)

| PRODUCTOS                                   | AÑO 1990             |          |            | AÑO 1991             |          |            |
|---------------------------------------------|----------------------|----------|------------|----------------------|----------|------------|
|                                             | Miles m <sup>3</sup> | Miles Tn | Miles u\$s | Miles m <sup>3</sup> | Miles Tn | Miles u\$s |
| Petróleo Crudo                              | 53.00                | —        | 8217.63    | 247.40               | —        | 37295.80   |
| Nafta sin plomo                             | 34.59                | —        | 6048.87    | —                    | —        | —          |
| Kerosene y Combustible para retropropulsión | —                    | —        | —          | 53.26                | —        | 8999.27    |
| Solventes                                   | 1.73                 | —        | 426.89     | 0.73                 | —        | 368.64     |
| Gas Oil                                     | —                    | —        | —          | 301.44               | —        | 53011.79   |
| Fuel Oil                                    | —                    | —        | —          | —                    | 624.34   | 48487.60   |
| Lubricantes y Grasas                        | 25.01                | —        | 8758.08    | 41.42                | —        | 18748.69   |
| Parafinas                                   | —                    | 2.06     | 1973.98    | —                    | 2.74     | 3049.99    |
| Asfaltos                                    | —                    | 0.04     | 74.05      | —                    | 0.14     | 60.64      |
| Residuos de Hidrocarburos                   | —                    | 55.55    | 5930.29    | —                    | 46.94    | 4802.77    |
| Gas Licuado                                 | —                    | 0.11     | 34.45      | —                    | —        | —          |
| Gas Natural **                              | 2193.24              | —        | 223733.13  | 2177.74              | —        | 232627.22  |
| TOTAL                                       | —                    | —        | 255197.36  | —                    | —        | 407452.43  |

\*\* Millones de m<sup>3</sup>

AÑO 1991

**EXPORTACION DE PETROLEO Y DERIVADOS**

(valor FOB u\$s)

| PRODUCTOS            | PAIS                | Miles de m <sup>3</sup> | Miles de Tn | Miles de u\$s    |
|----------------------|---------------------|-------------------------|-------------|------------------|
| <b>PETROLEO</b>      | <b>TOTAL</b>        | <b>1437.77</b>          |             | <b>168661.23</b> |
|                      | Chile               | 658.12                  |             | 79890.84         |
|                      | Paraguay            | 67.21                   |             | 8446.00          |
|                      | E.E.U.U.            | 495.93                  |             | 55430.33         |
|                      | Uruguay             | 155.55                  |             | 17966.75         |
|                      | Aruba               | 60.96                   |             | 6927.32          |
| <b>NAFTA COMUN</b>   | <b>TOTAL</b>        | <b>157.12</b>           |             | <b>19412.28</b>  |
|                      | Bolivia             | 0.09                    |             | 10.53            |
|                      | Uruguay             | 0.06                    |             | 6.72             |
|                      | Holanda             | 96.56                   |             | 11106.39         |
|                      | Paraguay            | 13.55                   |             | 1981.09          |
|                      | Brasil              | 15.71                   |             | 2051.50          |
|                      | E.E.U.U.            | 30.66                   |             | 4202.05          |
|                      | Chile               | 0.48                    |             | 54.00            |
| <b>NAFTA SUPER *</b> | <b>TOTAL</b>        | <b>2011.85</b>          |             | <b>234833.74</b> |
|                      | Chile               | 33.85                   |             | 4706.48          |
|                      | Paraguay            | 66.76                   |             | 12080.17         |
|                      | Antillas Holandesas | 1532.61                 |             | 178739.47        |
|                      | E.E.U.U.            | 288.03                  |             | 28912.48         |
|                      | Italia              | 90.60                   |             | 10395.14         |
| <b>SOLVENTES</b>     | <b>TOTAL</b>        | <b>217.02</b>           |             | <b>43896.34</b>  |
|                      | Paraguay            | 2.90                    |             | 756.17           |
|                      | Holanda             | 106.95                  |             | 19747.83         |
|                      | Chile               | 4.33                    |             | 1265.65          |
|                      | E.E.U.U.            | 58.62                   |             | 12811.34         |
|                      | Uruguay             | 1.60                    |             | 419.62           |
|                      | Austria             | 3.56                    |             | 711.98           |
|                      | Perú                | 0.71                    |             | 215.15           |
|                      | Bolivia             | 0.39                    |             | 167.35           |
|                      | Antillas Holandesas | 3.42                    |             | 690.00           |
|                      | Corea               | 9.12                    |             | 2320.00          |
|                      | Venezuela           | 14.48                   |             | 2457.00          |
|                      | Caribe              | 10.86                   |             | 2315.25          |
|                      | Brasil              | 0.07                    |             | 19.00            |
| <b>GASOLINA</b>      | <b>TOTAL</b>        | <b>103.51</b>           |             | <b>11566.16</b>  |
|                      | Brasil              | 43.84                   |             | 4013.95          |
|                      | E.E.U.U.            | 13.66                   |             | 1953.61          |
|                      | Holanda             | 46.02                   |             | 5598.60          |

\* Incluye nafta sin plomo

AÑO 1991

## EXPORTACION DE PETROLEO Y DERIVADOS

(valor FOB u\$s)

| PRODUCTOS                 | PAIS         | Miles de m <sup>3</sup> | Miles de Tn   | Miles de u\$s    |
|---------------------------|--------------|-------------------------|---------------|------------------|
| <b>AGUARRAS</b>           | <b>TOTAL</b> | <b>1.38</b>             |               | <b>1302.69</b>   |
|                           | Bolivia      | 0.19                    |               | 64.94            |
|                           | Paraguay     | 0.34                    |               | 77.15            |
|                           | Chile        | 0.84                    |               | 160.60           |
| <b>KEROSENE Y JP</b>      | <b>TOTAL</b> | <b>18.98</b>            |               | <b>3612.56</b>   |
|                           | Paraguay     | 18.98                   |               | 3612.56          |
| <b>GAS-OIL</b>            | <b>TOTAL</b> | <b>1503.34</b>          |               | <b>207958.09</b> |
|                           | Paraguay     | 141.85                  |               | 21982.11         |
|                           | E.E.U.U.     | 110.32                  |               | 14648.01         |
|                           | Japón        | 49.61                   |               | 12203.04         |
|                           | Gibraltar    | 58.16                   |               | 11055.79         |
|                           | U.R.S.S.     | 61.59                   |               | 11766.06         |
|                           | Italia       | 126.82                  |               | 16528.26         |
|                           | Pakistan     | 32.99                   |               | 5803.95          |
|                           | Senegal      | 23.52                   |               | 3226.18          |
|                           | Francia      | 301.61                  |               | 30728.39         |
|                           | Uruguay      | 182.46                  |               | 25066.56         |
|                           | Chile        | 48.76                   |               | 7744.66          |
|                           | Polonia      | 19.57                   |               | 2511.48          |
|                           | Africa       | 82.90                   |               | 10289.23         |
|                           | Holanda      | 159.19                  |               | 19871.27         |
|                           | Gran Bretaña | 29.33                   |               | 3938.26          |
|                           | Brasil       | 33.06                   |               | 4691.55          |
|                           | Cuba         | 41.61                   |               | 5903.32          |
| <b>DIESEL Y DILUYENTE</b> | <b>TOTAL</b> | <b>243.79</b>           |               | <b>28175.43</b>  |
|                           | E.E.U.U.     | 168.79                  |               | 20281.57         |
|                           | Holanda      | 75                      |               | 7893.86          |
| <b>FUEL-OIL</b>           | <b>TOTAL</b> |                         | <b>420.42</b> | <b>40227.10</b>  |
|                           | E.E.U.U.     |                         | 236.47        | 17297.11         |
|                           | Uruguay      |                         | 179.73        | 22497.16         |
|                           | Paraguay     |                         | 4.21          | 432.82           |
| <b>GAS LICUADO</b>        | <b>TOTAL</b> |                         | <b>199.32</b> | <b>31732.88</b>  |
|                           | Paraguay     |                         | 52.71         | 9452.50          |
|                           | Chile        |                         | 114.04        | 16817.29         |
|                           | Uruguay      |                         | 14.85         | 2612.84          |
|                           | Brasil       |                         | 17.70         | 2837.89          |
|                           | Bolivia      |                         | 0.02          | 12.36            |

AÑO 1991

## EXPORTACION DE PETROLEO Y DERIVADOS

(valor FOB u\$s)

| PRODUCTOS                      | PAIS         | Miles de m <sup>3</sup> | Miles de Tn   | Miles de u\$s   |
|--------------------------------|--------------|-------------------------|---------------|-----------------|
| <b>LUBRICANTES Y GRASA</b>     | <b>TOTAL</b> | <b>25.42</b>            |               | <b>12730.97</b> |
|                                | Bolivia      | 0.49                    |               | 292.06          |
|                                | Paraguay     | 3.69                    |               | 2094.32         |
|                                | Uruguay      | 8.65                    |               | 6211.18         |
|                                | Chile        | 6.95                    |               | 2517.58         |
|                                | E.E.U.U.     | 4.10                    |               | 1018.60         |
|                                | Cuba         | 0.01                    |               | 2.24            |
|                                | Alemania     | 0.03                    |               | 23.52           |
|                                | Arabia       | 1.47                    |               | 532.48          |
|                                | Noruega      | 0.02                    |               | 35.13           |
|                                | Colombia     | 0.01                    |               | 3.31            |
|                                | Perú         | 0.01                    |               | 0.54            |
| <b>ASFALTOS</b>                | <b>TOTAL</b> |                         | <b>9.70</b>   | <b>1140.24</b>  |
|                                | Paraguay     |                         | 9.62          | 1116.84         |
|                                | Uruguay      |                         | 0.08          | 23.40           |
| <b>PARAFINA</b>                | <b>TOTAL</b> |                         | <b>13.15</b>  | <b>7099.89</b>  |
|                                | Chile        |                         | 3.42          | 2563.92         |
|                                | Uruguay      |                         | 0.22          | 176.34          |
|                                | Perú         |                         | 3.33          | 2582.98         |
|                                | Bolivia      |                         | 0.87          | 631.64          |
|                                | Ecuador      |                         | 0.31          | 245.01          |
|                                | Holanda      |                         | 5.00          | 900.00          |
| <b>COQUE Y CARBON RESIDUAL</b> | <b>TOTAL</b> |                         | <b>276.40</b> | <b>12689.39</b> |
|                                | Holanda      |                         | 66.00         | 2556.62         |
|                                | Uruguay      |                         | 1.37          | 186.60          |
|                                | Canadá       |                         | 47.00         | 2617.25         |
|                                | Chile        |                         | 3.48          | 99.59           |
|                                | India        |                         | 26.29         | 854.43          |
|                                | Brasil       |                         | 0.02          | 3.52            |
|                                | Italia       |                         | 0.02          | 742.56          |
|                                | Bélgica      |                         | 62.96         | 2452.93         |
|                                | Turquía      |                         | 25.00         | 922.50          |
|                                | España       |                         | 26.25         | 1254.75         |
|                                | E.E.U.U.     |                         | 18.00         | 998.64          |
| <b>COQUE CALCINADO</b>         | <b>TOTAL</b> |                         | <b>137.28</b> | <b>18353.11</b> |
|                                | Brasil       |                         | 89.45         | 11183.07        |
|                                | Venezuela    |                         | 33.31         | 5083.64         |
|                                | Holanda      |                         | 14.53         | 2086.40         |

# EXPORTACION DE PETROLEO Y DERIVADOS

(unidad - valor u\$s F.O.B.)

| PRODUCTOS                        | AÑO 1990             |          |            | AÑO 1991             |          |            |
|----------------------------------|----------------------|----------|------------|----------------------|----------|------------|
|                                  | Miles m <sup>3</sup> | Miles Tn | Miles u\$s | Miles m <sup>3</sup> | Miles Tn | Miles u\$s |
| Petróleo Crudo                   | 1036.21              | —        | 123641.02  | 1437.77              | —        | 168661.23  |
| Aeronafra                        | 0.13                 | —        | 63.69      | —                    | —        | —          |
| Nafta Común                      | 138.64               | —        | 16.057.13  | 157.12               | —        | 19412.28   |
| Nafta Super *                    | 1566.13              | —        | 231446.34  | 2011.85              | —        | 234833.74  |
| Gasolina                         | —                    | —        | —          | 103.51               | —        | 11566.16   |
| Combustible para Retropropulsión | —                    | —        | —          | 18.98                | —        | 3612.56    |
| Solventes                        | 628.91               | —        | 75244.89   | 217.02               | —        | 43896.34   |
| Aguarras                         | 37.01                | —        | 5374.95    | 1.38                 | —        | 302.69     |
| Gas-Oil                          | 1156.18              | —        | 196804.05  | 1503.34              | —        | 207958.09  |
| Diesel-Oil / Diluyentes          | 172.23               | —        | 26035.82   | 243.79               | —        | 28175.43   |
| Fuel-Oil                         | —                    | 1037.08  | 134072.32  | —                    | 420.42   | 40227.10   |
| Acete Lubricante                 | 9.85                 | —        | 4867.34    | 25.40                | —        | 12730.97   |
| Parafina                         | —                    | 7.28     | 5025.29    | —                    | 13.15    | 7099.89    |
| Asfaltos                         | —                    | 11.32    | 1340.90    | —                    | 9.70     | 1140.24    |
| Coque y Carbón Residual          | —                    | 304.95   | 17793.29   | —                    | 276.40   | 12689.39   |
| Gas Licuado                      | —                    | 96.50    | 12020.19   | —                    | 199.32   | 31732.88   |
| Coque Calcinado                  | —                    | 116.75   | 21358.41   | —                    | 137.28   | 18353.11   |
| TOTAL                            | —                    | —        | 871145.64  | —                    | —        | 842392.09  |

\* Incluye nafta sin plomo.

AÑO 1991

## VENTAS AL MERCADO POR EMPRESA Y PRODUCTO

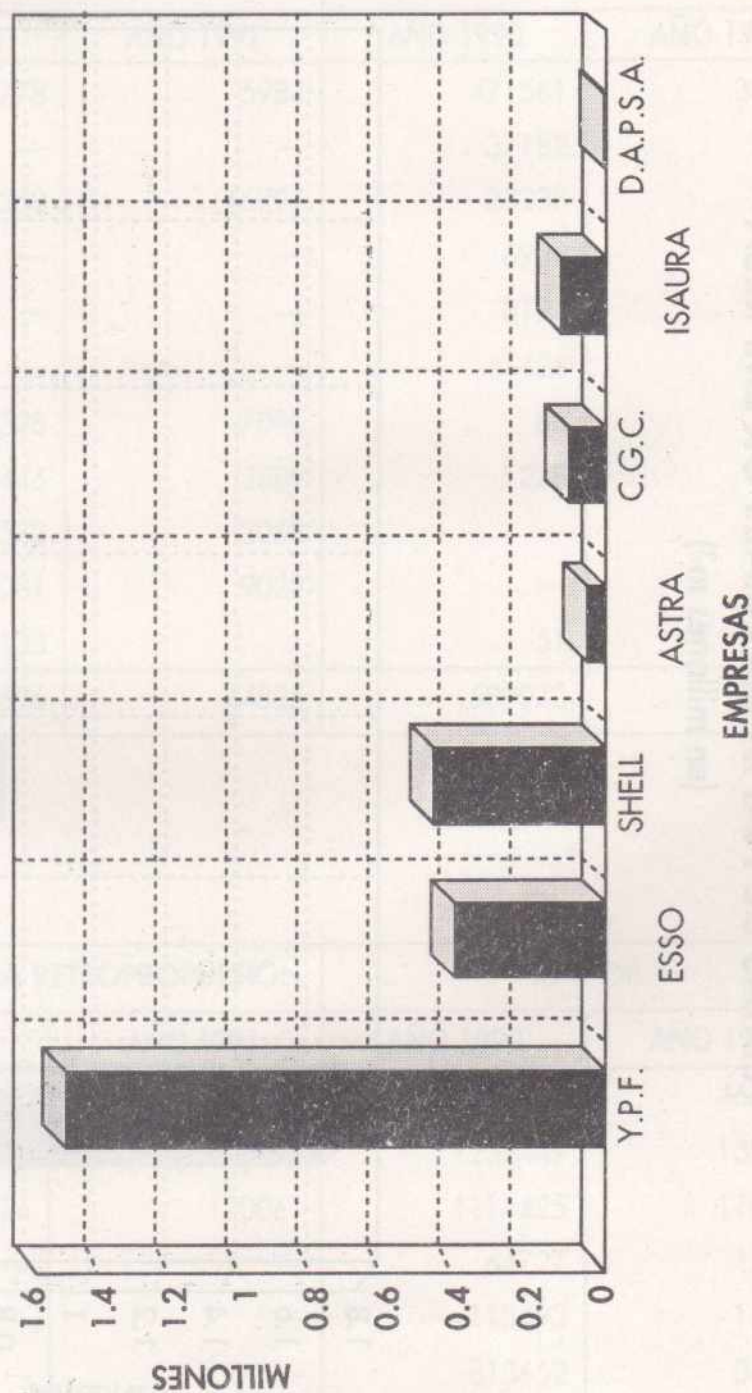
(en m<sup>3</sup>)

| EMPRESA          | AERONAFITAS |          | NAFTA COMUN |          |
|------------------|-------------|----------|-------------|----------|
|                  | AÑO 1990    | AÑO 1991 | AÑO 1990    | AÑO 1991 |
| Y.P.F.           | 16523       | 17959    | 1394822     | 1483635  |
| ESSO S.A.P.A.    | —           | —        | 435347      | 413197   |
| SHELL C.A.P.S.A. | —           | —        | 462077      | 458220   |
| ASTRA C.A.P.S.A. | —           | —        | 31555       | 35894    |
| C.G.C.           | —           | —        | 71773       | 68378    |
| ISAURA S.A.      | —           | —        | 94874       | 95432    |
| D.A.P.S.A.       | —           | —        | 1133        | 947      |
| TOTALES          | 16523       | 17959    | 2491581     | 2555703  |

| EMPRESA          | NAFTA ESPECIAL |          | SOLVENTE |          |
|------------------|----------------|----------|----------|----------|
|                  | AÑO 1990       | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Y.P.F.           | 1432765        | 1708552  | 3488     | 2730     |
| ESSO S.A.P.A.    | 496521         | 582828   | —        | —        |
| SHELL C.A.P.S.A. | 584138         | 741157   | 8834     | 8497     |
| ASTRA C.A.P.S.A. | 31981          | 40754    | —        | —        |
| C.G.C.           | 77846          | 90879    | 2097     | —        |
| ISAURA S.A.      | 88341          | 103580   | —        | —        |
| D.A.P.S.A.       | 5668           | 6932     | 6166     | 5929     |
| S.A. SOL         | —              | —        | 6833     | 5628     |
| F.M.T.S.         | —              | —        | 7930     | 8646     |
| EXXON CHEM. ARG. | —              | —        | 16298    | 15481    |
| ALFALUBE         | —              | —        | 584      | —        |
| TOTALES          | 2717260        | 3274682  | 52230    | 46911    |

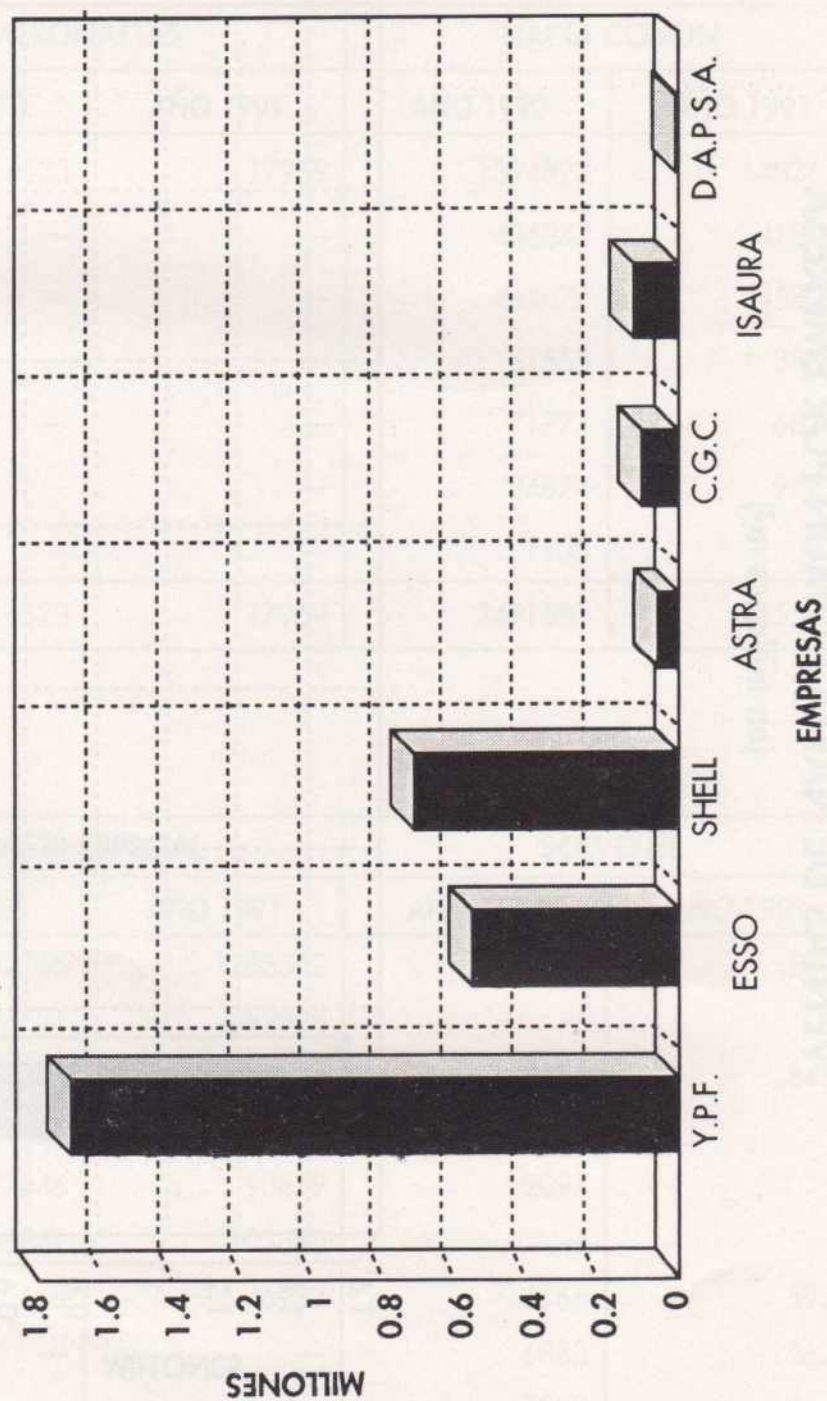
# VENTAS DE NAFTA COMUN POR EMPRESA

(en millones m<sup>3</sup>)



## VENTAS DE NAFTA ESPECIAL POR EMPRESA

(en millones m<sup>3</sup>)



AÑO 1991

## VENTAS AL MERCADO POR EMPRESA Y PRODUCTO

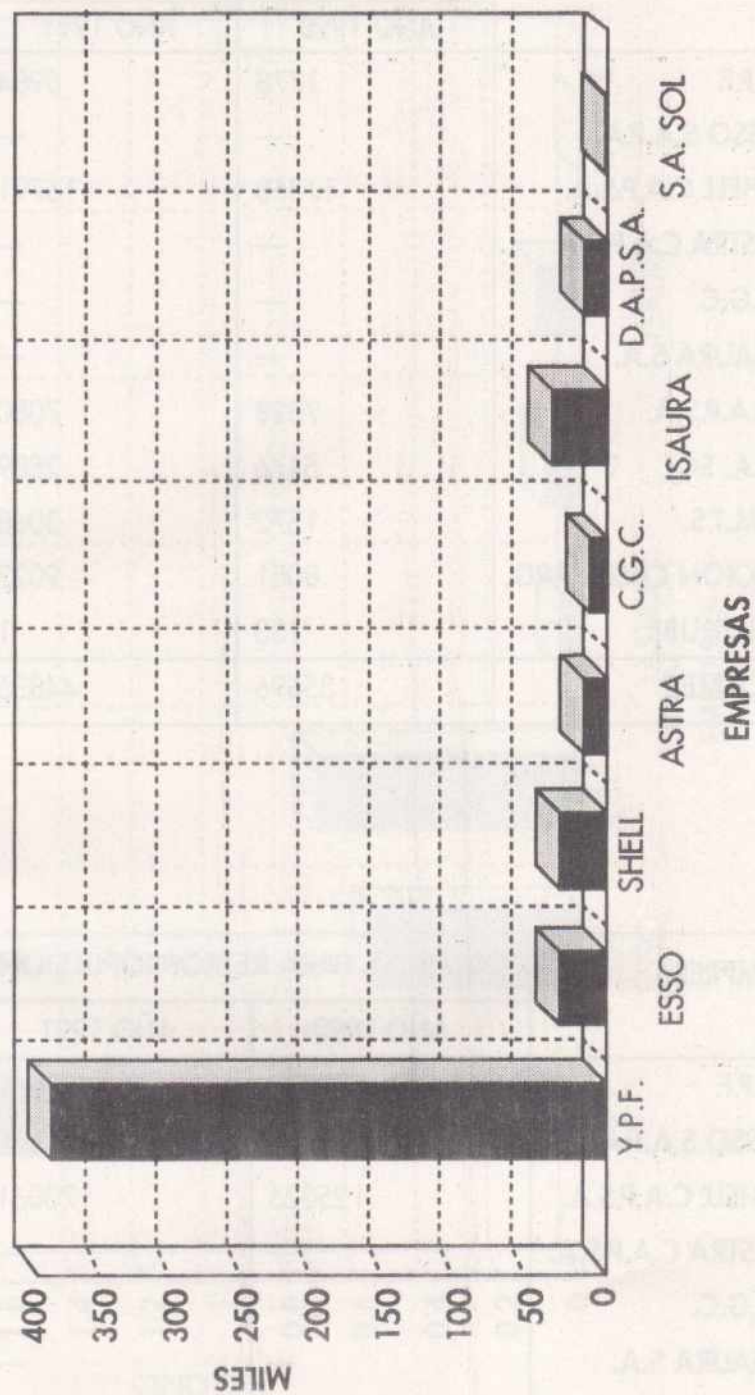
(en m3)

| EMPRESA          | AGUARRAS |          | KEROSENE |          |
|------------------|----------|----------|----------|----------|
|                  | AÑO 1990 | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Y.P.F.           | 1778     | 5984     | 471561   | 384672   |
| ESSO S.A.P.A.    | —        | —        | 37182    | 31063    |
| SHELL C.A.P.S.A. | 11358    | 16791    | 23338    | 28997    |
| ASTRA C.A.P.S.A. | —        | —        | 6909     | 11048    |
| C.G.C.           | —        | —        | 8194     | 7092     |
| ISAURA S.A.      | —        | —        | 41424    | 33868    |
| D.A.P.S.A.       | 7328     | 7080     | 83       | 9232     |
| S.A. SOL         | 5446     | 2889     | 1228     | 1164     |
| F.M.T.S.         | 1572     | 3068     | —        | —        |
| EXXON CHEM. ARG. | 8081     | 9022     | —        | —        |
| ALFALUBE         | 133      | 1        | 51       | —        |
| TOTALES          | 35696    | 44835    | 589970   | 507136   |

| EMPRESA          | COMBUST. PARA RETROPROPULSION |          | GAS-OIL  |          |
|------------------|-------------------------------|----------|----------|----------|
|                  | AÑO 1990                      | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Y.P.F.           | 578113                        | 477069   | 4188902  | 4650523  |
| ESSO S.A.P.A.    | 103505                        | 110179   | 1232449  | 1339745  |
| SHELL C.A.P.S.A. | 125026                        | 170061   | 1114425  | 1186669  |
| ASTRA C.A.P.S.A. | —                             | —        | 64727    | 116240   |
| C.G.C.           | —                             | —        | 113493   | 160682   |
| ISAURA S.A.      | —                             | —        | 313652   | 344536   |
| D.A.P.S.A.       | —                             | —        | 7294     | 12549    |
| S.A. SOL         | —                             | —        | 1001     | 9801     |
| ALFALUBE         | —                             | —        | 454      | —        |
| TOTALES          | 806644                        | 757309   | 7036397  | 7820745  |

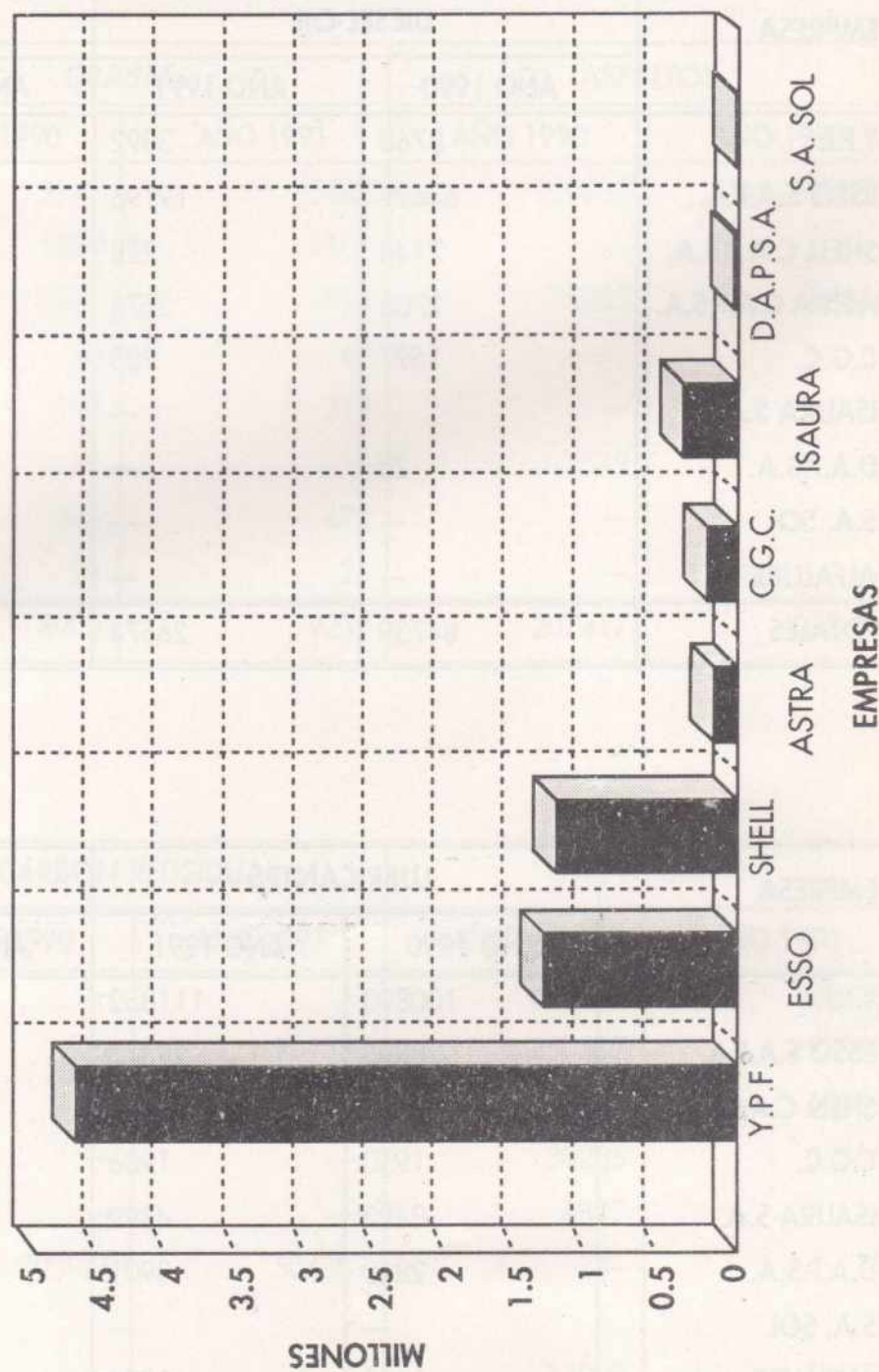
# VENTAS DE KEROSENE POR EMPRESA

(en miles m<sup>3</sup>)



## VENTAS DE GAS-OIL POR EMPRESA

(en millones m<sup>3</sup>)



AÑO 1991

## VENTAS AL MERCADO POR EMPRESA Y PRODUCTO

(en m3)

| EMPRESA          | DIESEL-OIL |          | FUEL-OIL (t) |          |
|------------------|------------|----------|--------------|----------|
|                  | AÑO 1990   | AÑO 1991 | AÑO 1990     | AÑO 1991 |
| Y.P.F.           | 8768       | 3092     | 1600044      | 1974388  |
| ESSO S.A.P.A.    | 64499      | 19196    | 17756        | 37610    |
| SHELL C.A.P.S.A. | 7144       | 728      | 169550       | 242573   |
| ASTRA C.A.P.S.A. | 2706       | 2573     | 66819        | 86176    |
| C.G.C.           | 1597       | 985      | 94808        | 96491    |
| ISAURA S.A.      | —          | —        | —            | —        |
| D.A.P.S.A.       | 25         | —        | 3758         | 460      |
| S.A. SOL         | —          | —        | 86           | 11461    |
| ALFALUBE         | —          | —        | 179          | —        |
| TOTALES          | 84739      | 26574    | 1953000      | 2449159  |

| EMPRESA            | LUBRICANTES |          | ACEITES BASES |          |
|--------------------|-------------|----------|---------------|----------|
|                    | AÑO 1990    | AÑO 1991 | AÑO 1990      | AÑO 1991 |
| Y.P.F.             | 100890      | 111852   | 8858          | 7226     |
| ESSO S.A.P.A.      | 28895       | 29373    | —             | —        |
| SHELL C.A.P.S.A.   | 63236       | 67801    | —             | —        |
| C.G.C.             | 1950        | 1906     | —             | —        |
| ISAURA S.A.        | 3492        | 4399     | —             | —        |
| D.A.P.S.A.         | 2830        | 3901     | 7923          | 5210     |
| S.A. SOL           | —           | —        | 4743          | —        |
| ALFALUBE           | 1643        | 1296     | —             | —        |
| PARAFINA DEL PLATA | —           | —        | 6517          | 6804     |
| TEXACO             | 8756        | 6456     | —             | —        |
| TOTALES            | 211692      | 226984   | 28041         | 19240    |

AÑO 1991

## VENTAS AL MERCADO POR EMPRESA Y PRODUCTO

(en toneladas)

| EMPRESA          | GRASAS   |          | ASFALTOS |          |
|------------------|----------|----------|----------|----------|
|                  | AÑO 1990 | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Y.P.F.           | 5141     | 5445     | 129935   | 129510   |
| ESSO S.A.P.A.    | 1288     | 1101     | —        | —        |
| SHELL C.A.P.S.A. | 1697     | 1713     | 75933    | 88868    |
| C.G.C.           | 64       | 63       | —        | —        |
| ISAURA S.A.      | 195      | 219      | —        | —        |
| D.A.P.S.A.       | —        | —        | 1549     | —        |
| TEXACO           | 546      | 670      | —        | —        |
| ALFALUBE         | 24       | 26       | —        | —        |
| TOTALES          | 8905     | 9237     | 207417   | 218378   |

| EMPRESA                       | CARBON REDSIDUAL |          | GAS LICUADO |          |
|-------------------------------|------------------|----------|-------------|----------|
|                               | AÑO 1990         | AÑO 1991 | AÑO 1990    | AÑO 1991 |
| GAS DEL ESTADO                | —                | —        | 694345      | 709506   |
| Y.P.F.                        | —                | 204338   | 250317      | 297051   |
| ESSO S.A.P.A.                 | —                | 56005    | 68021       | 63099    |
| SHELL C.A.P.S.A.              | —                | —        | 30206       | 35385    |
| ISAURA S.A.                   | —                | —        | 6847        | —        |
| Y.C.F.                        | 703995           | 504082   | —           | —        |
| PETROQUIMICA<br>BAHIA BLANCA  | —                | —        | 13908       | 11029    |
| PETROQUIMICA<br>GRAL. MOSCONI | —                | —        | 9880        | 20209    |
| TOTALES                       | 703995           | 764425   | 1073524     | 1136279  |

AÑO 1991

## VENTAS AL MERCADO POR JURISDICCION Y PRODUCTO

(en m3)

| JURISDICCION        | AERONAFTA |          | NAFTA COMUN |          |
|---------------------|-----------|----------|-------------|----------|
|                     | AÑO 1990  | AÑO 1991 | AÑO 1990    | AÑO 1991 |
| Capital Federal     | 691       | 3232     | 219284      | 189216   |
| Buenos Aires        | 6279      | 8335     | 860694      | 896075   |
| Catamarca           | 41        | 43       | 18061       | 18440    |
| Córdoba             | 2667      | 1064     | 228907      | 237476   |
| Corrientes          | 101       | 195      | 58785       | 61040    |
| Chaco               | 323       | 236      | 57723       | 60130    |
| Chubut              | 134       | 65       | 41864       | 41944    |
| Entre Ríos          | 441       | 439      | 100351      | 102333   |
| Formosa             | 47        | 16       | 24876       | 26917    |
| Jujuy               | 370       | 273      | 31119       | 33337    |
| La Pampa            | 501       | 379      | 33653       | 34775    |
| La Rioja            | 40        | —        | 20919       | 22298    |
| Mendoza             | 223       | 195      | 103220      | 111603   |
| Misiones            | 206       | 143      | 64034       | 64172    |
| Neuquén             | 228       | 250      | 43281       | 47557    |
| Rio Negro           | 160       | 78       | 51109       | 53973    |
| Salta               | 383       | 443      | 62215       | 65511    |
| San Juan            | 76        | 103      | 31823       | 34913    |
| San Luis            | 836       | 72       | 25643       | 28561    |
| Santa Cruz          | 85        | 92       | 23261       | 27904    |
| Santa Fe            | 2101      | 1859     | 277986      | 279203   |
| Santiago del Estero | 86        | 73       | 34661       | 38612    |
| Tierra del Fuego    | 128       | 133      | 5347        | 4551     |
| Tucumán             | 376       | 241      | 72765       | 75162    |
| TOTALES             | 16523     | 17959    | 2491581     | 2555703  |

AÑO 1991

# VENTAS AL MERCADO POR JURISDICCION Y PRODUCTO

(en m3)

| JURISDICCION        | NAFTA ESPECIAL |          | KEROSENE |          |
|---------------------|----------------|----------|----------|----------|
|                     | AÑO 1990       | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Capital Federal     | 523170         | 580982   | 22150    | 16786    |
| Buenos Aires        | 1150237        | 1408592  | 285385   | 243839   |
| Catamarca           | 8213           | 11461    | 833      | 529      |
| Córdoba             | 255741         | 304440   | 68801    | 64499    |
| Corrientes          | 28824          | 36625    | 4954     | 4416     |
| Chaco               | 20264          | 26611    | 6926     | 5476     |
| Chubut              | 42180          | 45964    | 11029    | 9973     |
| Entre Rios          | 57986          | 75006    | 16997    | 16113    |
| Formosa             | 8826           | 11647    | 3490     | 1829     |
| Jujuy               | 11893          | 14878    | 1405     | 1507     |
| La Pampa            | 32363          | 36490    | 33183    | 22909    |
| La Rioja            | 9495           | 14611    | 1031     | 774      |
| Mendoza             | 103318         | 127436   | 26027    | 22010    |
| Misiones            | 28874          | 35341    | 5129     | 3308     |
| Neuquen             | 38909          | 46989    | 5864     | 5778     |
| Rio Negro           | 56873          | 65857    | 14961    | 10839    |
| Salta               | 25976          | 31594    | 3454     | 3553     |
| San Juan            | 26531          | 35084    | 4096     | 3465     |
| San Luis            | 22874          | 28952    | 6798     | 7188     |
| Santa Cruz          | 20148          | 23362    | 5874     | 4671     |
| Santa Fe            | 184196         | 236712   | 51211    | 47681    |
| Santiago del Estero | 13697          | 18713    | 5169     | 5105     |
| Tierra del Fuego    | 9798           | 11307    | 1408     | 876      |
| Tucumán             | 36874          | 46028    | 3795     | 4012     |
| TOTALES             | 2717260        | 3274682  | 589970   | 507136   |

AÑO 1991

## VENTAS AL MERCADO POR JURISDICCION Y PRODUCTO

(en m3)

| JURISDICCION        | * COMBUST. P/ RETROPROPULSION |          | GAS-OIL  |          |
|---------------------|-------------------------------|----------|----------|----------|
|                     | AÑO 1990                      | AÑO 1991 | AÑO 1990 | AÑO 1991 |
| Capital Federal     | 107157                        | 223681   | 718928   | 872564   |
| Buenos Aires        | 463390                        | 528381   | 2165305  | 2384301  |
| Catamarca           | 952                           | 74       | 33093    | 38962    |
| Córdoba             | 34265                         | 145      | 844609   | 996330   |
| Corrientes          | 5417                          | 45       | 160458   | 139291   |
| Chaco               | 7382                          | 270      | 162521   | 211462   |
| Chubut              | 32841                         | 252      | 106582   | 127425   |
| Entre Rios          | 107                           | 10       | 292237   | 323120   |
| Formosa             | 1435                          | 9        | 41818    | 41517    |
| Jujuy               | 913                           | 497      | 79932    | 82059    |
| La Pampa            | 5344                          | 106      | 158407   | 154466   |
| La Rioja            | 489                           | 78       | 28114    | 29944    |
| Mendoza             | 9248                          | 507      | 332514   | 313515   |
| Misiones            | 17983                         | 187      | 231502   | 188608   |
| Neuquen             | 11706                         | 1429     | 86849    | 87559    |
| Rio Negro           | 20900                         | 172      | 144256   | 154943   |
| Salta               | 31488                         | 291      | 150899   | 161071   |
| San Juan            | 996                           | —        | 70860    | 83067    |
| San Luis            | 1025                          | 10       | 75112    | 103983   |
| Santa Cruz          | 25242                         | 504      | 66101    | 74021    |
| Santa Fe            | 17353                         | 189      | 795541   | 938557   |
| Santiago del Estero | 14                            | 1        | 106365   | 111950   |
| Tierra del Fuego    | 9605                          | 436      | 19534    | 34060    |
| Tucumán             | 1392                          | 35       | 164860   | 167970   |
| TOTALES             | 806644                        | 757309   | 7036397  | 7820745  |

\* Incluye JP1 internacional

AÑO 1991

**VENTAS AL MERCADO POR JURISDICCION Y PRODUCTO**

(en m3)

| JURISDICCION        | DIESEL - OIL |          | FUEL - OIL (t) |          |
|---------------------|--------------|----------|----------------|----------|
|                     | AÑO 1990     | AÑO 1991 | AÑO 1990       | AÑO 1991 |
| Capital Federal     | 33222        | 2644     | 769250         | 1329253  |
| Buenos Aires        | 36749        | 19235    | 506337         | 333893   |
| Catamarca           | —            | —        | 4211           | 846      |
| Córdoba             | 267          | 75       | 76804          | 61618    |
| Corrientes          | 1193         | 51       | 16921          | 2629     |
| Chaco               | 348          | —        | 41996          | 41478    |
| Chubut              | —            | —        | 7272           | 1193     |
| Entre Rios          | 2670         | 649      | 38491          | 31937    |
| Formosa             | —            | —        | 448            | 256      |
| Jujuy               | —            | —        | 6190           | 5908     |
| La Pampa            | 16           | —        | 2240           | 1082     |
| La Rioja            | —            | —        | 1690           | 873      |
| Mendoza             | 4883         | 1124     | 134027         | 124152   |
| Misiones            | 911          | 415      | 63568          | 41744    |
| Neuquen             | —            | —        | 1223           | 1420     |
| Rio Negro           | —            | —        | 4348           | 3968     |
| Salta               | —            | —        | 5509           | 4731     |
| San Juan            | 154          | 85       | 14529          | 11155    |
| San Luis            | 18           | 50       | 1111           | 1595     |
| Santa Cruz          | —            | —        | —              | 552      |
| Santa Fe            | 4308         | 2246     | 243032         | 438125   |
| Santiago del Estero | —            | —        | 633            | 970      |
| Tierra del Fuego    | —            | —        | —              | —        |
| Tucumán             | —            | —        | 13170          | 9781     |
| TOTALES             | 84739        | 26574    | 1953000        | 2449159  |

AÑO 1991

## VENTAS AL MERCADO POR JURISDICCION Y PRODUCTO

(en m<sup>3</sup>)

| JURISDICCION        | LUBRICANTES |          | * GAS POR REDES |          |
|---------------------|-------------|----------|-----------------|----------|
|                     | AÑO 1990    | AÑO 1991 | AÑO 1990        | AÑO 1991 |
| Capital Federal     | 31867       | 31949    | 3543            | 3351     |
| Buenos Aires        | 74728       | 79827    | 7294            | 7803     |
| Catamarca           | 616         | 571      | 110             | 62       |
| Córdoba             | 21433       | 24096    | 968             | 1174     |
| Corrientes          | 3812        | 3924     | —               | —        |
| Chaco               | 4484        | 5206     | —               | —        |
| Chubut              | 4366        | 5296     | 630             | 742      |
| Entre Rios          | 5962        | 6550     | —               | —        |
| Formosa             | 1408        | 1289     | —               | —        |
| Jujuy               | 2578        | 2944     | 393             | 377      |
| La Pampa            | 2922        | 2844     | 32              | 45       |
| La Rioja            | 589         | 676      | 59              | 66       |
| Mendoza             | 8807        | 10008    | 727             | 689      |
| Misiones            | 4145        | 4187     | —               | —        |
| Neuquen             | 3777        | 3835     | 384             | 413      |
| Rio Negro           | 2912        | 3036     | 417             | 393      |
| Salta               | 3810        | 4115     | 517             | 383      |
| San Juan            | 1865        | 2374     | 128             | 160      |
| San Luis            | 1534        | 1511     | 68              | 78       |
| Santa Cruz          | 1508        | 1348     | 360             | 372      |
| Santa Fe            | 20636       | 22821    | 1290            | 1299     |
| Santiago del Estero | 1695        | 1964     | 110             | 133      |
| Tierra del Fuego    | 460         | 534      | 216             | 229      |
| Tucumán             | 5778        | 6079     | 533             | 591      |
| TOTALES             | 211692      | 226984   | 17779           | 18360    |

\* millones de m<sup>3</sup>

AÑO 1991

## VENTA FACTURADA DE GAS POR REDES POR PROVINCIA Y TIPO DE USUARIO

(en millones de m<sup>3</sup> de 9300 KCal.)

| PROVINCIAS          | DOMESTICO | COMERCIAL | INDUSTRIAL | C. ELECTR. | G.N.C. | ENT. OFIC. | TOTAL |
|---------------------|-----------|-----------|------------|------------|--------|------------|-------|
| Capital             | 1097      | 62        | 391        | 1566       | 188    | 47         | 3351  |
| Buenos Aires        | 1961      | 115       | 3362       | 1840       | 121    | 404        | 7803  |
| Catamarca           | 5         | 1         | 47         | 9          | 0      | 0          | 62    |
| Córdoba             | 222       | 27        | 292        | 577        | 33     | 23         | 1174  |
| Chubut              | 221       | 27        | 175        | 294        | 4      | 21         | 742   |
| Jujuy               | 25        | 2         | 283        | 66         | 0      | 1          | 377   |
| La Pampa            | 33        | 3         | 4          | 0          | 1      | 4          | 45    |
| La Rioja            | 2         | 0         | 3          | 61         | 0      | 0          | 66    |
| Mendoza             | 168       | 16        | 136        | 155        | 7      | 207        | 689   |
| Neuquen             | 184       | 16        | 61         | 120        | 2      | 30         | 413   |
| Rio Negro           | 235       | 33        | 50         | 23         | 2      | 50         | 393   |
| Salta               | 46        | 5         | 114        | 213        | 2      | 3          | 383   |
| San Juan            | 29        | 3         | 49         | 76         | 2      | 1          | 160   |
| San Luis            | 11        | 2         | 63         | 0          | 1      | 1          | 78    |
| Santa Cruz          | 155       | 19        | 5          | 141        | 0      | 52         | 372   |
| Santa Fe            | 162       | 26        | 808        | 248        | 17     | 38         | 1299  |
| Santiago del Estero | 13        | 2         | 9          | 109        | 0      | 0          | 133   |
| Tierra del Fuego    | 126       | 20        | 17         | 50         | 1      | 15         | 229   |
| Tucumán             | 44        | 6         | 338        | 200        | 0      | 3          | 591   |
| TOTAL               | 4739      | 385       | 6207       | 5748       | 381    | 900        | 18360 |

AÑO 1991

# VENTAS DE GAS NATURAL COMPRIMIDO

(miles de m<sup>3</sup>) (m<sup>3</sup> de 9300 KCal.)

| MES        | 1985 | 1986  | 1987  | 1988  | 1989   | 1990   | 1991   |
|------------|------|-------|-------|-------|--------|--------|--------|
| Enero      | 51   | 922   | 2433  | 6056  | 10488  | 15833  | 26391  |
| Febrero    | 104  | 1020  | 1645  | 6175  | 9927   | 13064  | 22016  |
| Marzo      | 150  | 1006  | 2848  | 6186  | 10546  | 10447  | 23107  |
| Abril      | 200  | 1436  | 2358  | 6076  | 11433  | 16497  | 30867  |
| Mayo       | 167  | 1472  | 3066  | 7154  | 11725  | 14689  | 29999  |
| Junio      | 173  | 1502  | 3164  | 6979  | 12954  | 17447  | 31256  |
| Julio      | 298  | 1723  | 3901  | 7530  | 8881   | 17349  | 30217  |
| Agosto     | 245  | 1910  | 3927  | 7933  | 9958   | 21330  | 34482  |
| Septiembre | 395  | 1840  | 4535  | 8395  | 11634  | 20933  | 38125  |
| Octubre    | 560  | 2009  | 4282  | 8352  | 10720  | 21452  | 37699  |
| Noviembre  | 460  | 1867  | 4148  | 9364  | 14544  | 23760  | 40504  |
| Diciembre  | 816  | 2414  | 4671  | 9065  | 13575  | 25112  | 36100  |
| TOTAL      | 3619 | 19121 | 40978 | 89265 | 136385 | 217913 | 380763 |

AÑO 1991

# **VENTAS MENSUALES DE GAS LICUADO** (en toneladas)

| EMPRESAS                   | ENERO | FEBRERO | MARZO | ABRIL | MAYO   | JUNIO | JULIO  | AGOSTO | SETIEMBRE | OCTUBRE | NOVIEMBRE | DICIEMBRE | TOTAL   |
|----------------------------|-------|---------|-------|-------|--------|-------|--------|--------|-----------|---------|-----------|-----------|---------|
| Gas del Estado             | 63377 | 45001   | 49882 | 59886 | 65845  | 72182 | 92180  | 57576  | 59238     | 59305   | 48450     | 36784     | 709506  |
| Y.P.F.                     | 10337 | 15198   | 18293 | 10118 | 61365  | 16688 | 33787  | 15289  | 25853     | 34374   | 19457     | 36292     | 297051  |
| ESSO S.A.P.A.              | 3868  | 3875    | 4808  | 5064  | 4787   | 5203  | 6483   | 5283   | 4570      | 6719    | 6918      | 5521      | 63099   |
| SHELL C.A.P.S.A.           | 1871  | 2295    | 2162  | 2473  | 3094   | 2007  | 3042   | 5883   | 4131      | 3363    | 2147      | 2917      | 35385   |
| Petroquímica Bahía Blanca  | 1179  | 1232    | 1288  | 319   | 1000   | 1411  | 957    | 590    | 658       | 937     | 682       | 776       | 11029   |
| Petroquímica Gral. Mosconi | 822   | 931     | 702   | 1293  | 791    | 967   | 1154   | 2944   | 2375      | 1415    | 2706      | 4109      | 20209   |
| TOTALES                    | 81454 | 68532   | 77135 | 78953 | 136882 | 98458 | 137603 | 87565  | 96825     | 106113  | 80360     | 86399     | 1136279 |

AÑO 1991

# VENTAS BUNKER POR EMPRESA Y PRODUCTO

(en m<sup>3</sup>)

| EMPRESAS         | GAS-OIL  |          | DISEL-OIL |          | FUEL-OIL (t) |          |
|------------------|----------|----------|-----------|----------|--------------|----------|
|                  | AÑO 1990 | AÑO 1991 | AÑO 1990  | AÑO 1991 | AÑO 1990     | AÑO 1991 |
| Y.P.F.           | 104548   | 66066    | 12937     | 610      | 229774       | 77695    |
| ESSO S.A.P.A.    | 67942    | 86486    | 62211     | 66187    | 60214        | 58484    |
| SHELL C.A.P.S.A. | 42712    | 26126    | 10232     | 1823     | 81641        | 63084    |
| ASTRA C.A.P.S.A. | 4474     | 5376     | 5615      | 1443     | 33532        | 5832     |
| C.G.C.           | 9892     | 11360    | 3196      | 1387     | 14831        | 5296     |
| ISAURA S.A.      | 18316    | 23338    | —         | —        | 9640         | 9091     |
| D.A.P.S.A.       | 2674     | 3552     | 3313      | 28       | 7053         | 1537     |
| S.A. SOL         | —        | 880      | —         | 424      | —            | 5808     |
| TOTALES          | 250558   | 223184   | 71902     | 71902    | 436685       | 226827   |

# CONSUMO PROPIO DE EMPRESAS PETROLERAS

(en m3)

| PRODUCTOS                        | AÑO 1990    |             |                   |         | AÑO 1991    |             |                   |         |
|----------------------------------|-------------|-------------|-------------------|---------|-------------|-------------|-------------------|---------|
|                                  | Destilerías | Yacimientos | Otras Actividades | Total   | Destilerías | Yacimientos | Otras Actividades | Total   |
| Petróleo Crudo                   | —           | 38433       | —                 | 38433   | 299         | 14900       | —                 | 15199   |
| Aeronafra                        | —           | —           | 132               | 132     | —           | —           | 112               | 112     |
| Nafta Común                      | 134         | 15329       | 1678              | 17141   | 143         | 12888       | 1242              | 14273   |
| Nafta Especial                   | 1328        | 1039        | 4668              | 7035    | 965         | 696         | 3028              | 4689    |
| Solventes                        | 240         | 19          | 209               | 468     | 743         | 19          | -22               | 740     |
| Aguarras                         | —           | —           | 1268              | 1268    | —           | —           | 181               | 181     |
| Kerosene                         | 820         | 8039        | 347               | 9206    | 359         | 5132        | 246               | 5737    |
| Combustible para Retropropulsión | —           | —           | 10568             | 10568   | 58          | 2238        | 12776             | 15072   |
| Gas Oil                          | 4850        | 115302      | 69597             | 189749  | 4004        | 93505       | 66869             | 164378  |
| Diesel Oil                       | 4599        | —           | 6667              | 11266   | 1257        | —           | 6633              | 7890    |
| Fuel Oil *                       | 843168      | 857         | 93799             | 937824  | 945893      | 882         | 91343             | 1038118 |
| Residuos Pesados *               | 267703      | —           | —                 | 267703  | 232396      | —           | —                 | 232396  |
| Lubricantes                      | 2163        | 4087        | 3213              | 9463    | 2350        | 3438        | 2701              | 8489    |
| Asfaltos *                       | 19          | 754         | 1084              | 1857    | 51          | 474         | -1                | 524     |
| Carbón Residual *                | 92984       | —           | —                 | 92984   | 72033       | —           | —                 | 72033   |
| Gas Propano *                    | 6374        | 387         | 18                | 6779    | 5535        | 299         | —                 | 5834    |
| Gas Butano *                     | —           | —           | —                 | 0       | 19          | —           | —                 | 19      |
| Gas de Refinería **              | 575321      | —           | —                 | 575321  | 521257      | —           | 27894             | 549151  |
| Gas Natural **                   | 585934      | 1554351     | 160585            | 2300870 | 548503      | 2332258     | 233898            | 3114659 |

\* Tm

\*\* Miles m<sup>3</sup>

## PRODUCCION, VENTA Y CONSUMO PROPIO DE CARBON MINERAL

(en toneladas)

| CONCEPTO                   | AÑO 1990 | AÑO 1991 |
|----------------------------|----------|----------|
| Producción Bruta           | 546.958  | 567.304  |
| Producción Comercializable | 270.354  | 291.546  |
| Ventas                     | 190.149  | 309.579  |
| Consumo Propio             | 86.778   | 88.258   |

## IMPORTACIONES

(valor C y F u\$s)

| CONCEPTO       | AÑO 1990 |            | AÑO 1991  |            |
|----------------|----------|------------|-----------|------------|
|                | Miles Tn | Miles u\$s | Miles Tm. | Miles u\$s |
| Carbón Mineral | 1080.98  | 75902.13   | 883.39    | 43096.24   |
| Australia      | 270.51   | 18297.43   | 336.76    | 16536.25   |
| Colombia       | 80.45    | 5864.85    | 23.86     | 1335.99    |
| E.E.U.U.       | 555.88   | 39653.29   | 416.91    | 19698.24   |
| Francia        | 0.02     | 12.66      | —         | —          |
| Holanda        | 0.04     | 20.74      | —         | —          |
| Polonia        | 174.08   | 12053.16   | 82.47     | 4329.57    |
| Canadá         | —        | —          | 23.39     | 1196.19    |

## EXPORTACIONES

(valor FOB u\$s)

| CONCEPTO       | AÑO 1990 |        | AÑO 1991 |         |
|----------------|----------|--------|----------|---------|
|                | Tm       | u\$s   | Tm.      | u\$s    |
| Carbón Mineral | 280      | 12.300 | 14.640   | 292.100 |
| Uruguay        | 280      | 12.300 | —        | —       |
| Brasil         | —        | —      | 14.640   | 292.100 |

# PROMEDIO MENSUAL DE PRECIO SUGERIDO AL PUBLICO POR Y.P.F. EN CAPITAL FEDERAL

| MES        | P R O D U C T O         |                        |                         |                  |                            |                           |                         |                        |                           |                          |                               |                               |
|------------|-------------------------|------------------------|-------------------------|------------------|----------------------------|---------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------------|-------------------------------|
|            | NAFTA<br>NORMAL<br>\$/L | NAFTA<br>SUPER<br>\$/L | JP1<br>CABOTAJE<br>\$/L | KEROSENE<br>\$/L | GAS OIL<br>MERCADO<br>\$/L | GAS OIL<br>USINAS<br>\$/L | D.O.<br>MERCADO<br>\$/L | D.O.<br>USINAS<br>\$/L | F.O.<br>MERCADO<br>\$/kg. | F.O.<br>USINAS<br>\$/kg. | CARBON<br>RESID. LP<br>\$/kg. | CARBON<br>RESID. LC<br>\$/kg. |
| Enero      | 0.402                   | 0.484                  | 0.21                    | 0.213            | 0.245                      | 0.186                     | 0.266                   | 0.138                  | 0.134                     | 0.114                    | 0.053                         | 0.042                         |
| Febrero    | 0.52                    | 0.633                  | 0.295                   | 0.284            | 0.346                      | 0.248                     | 0.359                   | 0.242                  | 0.172                     | 0.146                    | 0.072                         | 0.06                          |
| Marzo      | 0.516                   | 0.631                  | 0.278                   | 0.276            | 0.324                      | 0.227                     | 0.34                    | 0.22                   | 0.16                      | 0.133                    | 0.072                         | 0.06                          |
| Abril      | 0.513                   | 0.629                  | 0.243                   | 0.279            | 0.286                      | 0.195                     | 0.309                   | 0.189                  | 0.15                      | 0.124                    | 0.071                         | 0.06                          |
| Mayo       | 0.544                   | 0.663                  | 0.219                   | 0.246            | 0.297                      | 0.205                     | 0.318                   | 0.198                  | 0.158                     | 0.131                    | 0.069                         | 0.058                         |
| Junio      | 0.544                   | 0.663                  | 0.219                   | 0.246            | 0.297                      | 0.205                     | 0.318                   | 0.198                  | 0.158                     | 0.131                    | 0.069                         | 0.058                         |
| Julio      | 0.544                   | 0.663                  | 0.219                   | 0.246            | 0.297                      | 0.205                     | 0.318                   | 0.198                  | 0.158                     | 0.131                    | 0.069                         | 0.058                         |
| Agosto     | 0.544                   | 0.663                  | 0.219                   | 0.246            | 0.297                      | 0.205                     | 0.318                   | 0.198                  | 0.158                     | 0.131                    | 0.069                         | 0.058                         |
| Septiembre | 0.548                   | 0.666                  | 0.221                   | 0.25             | 0.301                      | 0.207                     | 0.305                   | 0.203                  | 0.153                     | 0.126                    | 0.067                         | 0.055                         |
| Octubre    | 0.55                    | 0.668                  | 0.258                   | 0.253            | 0.304                      | 0.215                     | 0.3                     | 0.21                   | 0.155                     | 0.128                    | 0.068                         | 0.053                         |
| Noviembre  | 0.556                   | 0.674                  | 0.249                   | 0.266            | 0.313                      | 0.218                     | 0.302                   | 0.212                  | 0.157                     | 0.13                     | 0.069                         | 0.055                         |
| Diciembre  | 0.561                   | 0.679                  | 0.233                   | 0.279            | 0.322                      | 0.22                      | 0.304                   | 0.213                  | 0.159                     | 0.132                    | 0.07                          | 0.057                         |

AÑO 1991

# PROMEDIO MENSUAL DE IMPUESTO A LOS COMBUSTIBLES AL NORTE DEL RIO COLORADO

| MES        | P R O D U C T O         |                        |                  |                            |                         |                           |
|------------|-------------------------|------------------------|------------------|----------------------------|-------------------------|---------------------------|
|            | NAFTA<br>NORMAL<br>\$/L | NAFTA<br>SUPER<br>\$/L | KEROSENE<br>\$/L | GAS OIL<br>MERCADO<br>\$/L | D.O.<br>MERCADO<br>\$/L | F.O.<br>MERCADO<br>\$/kg. |
| Enero      | 0.214                   | 0.284                  | 0.01             | 0.041                      | 0.09                    | 0.02                      |
| Febrero    | 0.267                   | 0.358                  | 0.013            | 0.065                      | 0.117                   | 0.026                     |
| Marzo      | 0.273                   | 0.367                  | 0.013            | 0.066                      | 0.12                    | 0.027                     |
| Abril      | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Mayo       | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Junio      | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Julio      | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Agosto     | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Septiembre | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Octubre    | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Noviembre  | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |
| Diciembre  | 0.273                   | 0.367                  | 0.013            | 0.061                      | 0.12                    | 0.027                     |

## CAPACIDAD DE ELABORACION AL 31-12-91

(m<sup>3</sup> día operativo)

| REFINERIAS    | DESTILACION<br>ATMOSFERICA | VACIO | REDUCTOR DE<br>VISCOSIDAD | CRAQUEO<br>TERMICO | REFORMACION<br>CATALITICA | COQUE      |              | HIDRO-<br>CRACKING | CRAQUEO<br>CATALITICO | HIDROTRA-<br>MIENTO D.O. |
|---------------|----------------------------|-------|---------------------------|--------------------|---------------------------|------------|--------------|--------------------|-----------------------|--------------------------|
|               |                            |       |                           |                    |                           | FDO. VACIO | CR. REDUCIDO |                    |                       |                          |
| TOTAL Y.P.F.  | 64970                      | 27455 | 2000                      | 600                | 3200                      | 12000      | 15500        | 2600               | 17400                 | 4000                     |
| La Plata      | 32000                      | 15300 | —                         | —                  | 1400                      | 6000       | 7700         | —                  | 11000                 | 2000                     |
| Luján de Cuyo | 19000                      | 10000 | —                         | —                  | 1400                      | 6000       | 7800         | 2600               | 6400                  | 2000                     |
| San Lorenzo   | 5000                       | 2000  | 2000                      | 600                | —                         | —          | —            | —                  | —                     | —                        |
| Campo Durán   | 4600                       | —     | —                         | —                  | —                         | —          | —            | —                  | —                     | —                        |
| Dock Sud      | 620                        | 155   | —                         | —                  | —                         | —          | —            | —                  | —                     | —                        |
| Plaza Huincul | 3750                       | —     | —                         | —                  | 400                       | —          | —            | —                  | —                     | —                        |
| TOTAL ESSO    | 18200                      | 8340  | 1250                      | —                  | 1400                      | 4080       | —            | —                  | 4800                  | 1700                     |
| Campana       | 15200                      | 8340  | —                         | —                  | 1400                      | 4080       | —            | —                  | 4800                  | 1700                     |
| Puerto Galván | 3000                       | —     | 1250                      | —                  | —                         | —          | —            | —                  | —                     | —                        |
| SHELL         | 20500                      | 9200  | 4600                      | —                  | 2000                      | —          | —            | —                  | 5100                  | 800                      |
| ISAURA        | 4000                       | 2300  | 700                       | —                  | —                         | —          | —            | —                  | 1400                  | —                        |
| D.A.P.S.A.    | 400                        | 250   | —                         | —                  | —                         | —          | —            | —                  | —                     | —                        |
| SOL S.A.      | 1000                       | 500   | —                         | —                  | —                         | —          | —            | —                  | —                     | —                        |
| P.A.S.A.      | —                          | —     | —                         | —                  | 1900                      | —          | —            | —                  | —                     | —                        |
| TOTALES       | 109070                     | 48045 | 600                       | 8550               | 8500                      | 16080      | 15500        | 2600               | 28700                 | 6500                     |

AÑO 1991

## TRANSPORTE POR CONDUCTOS PETROLEO Y DERIVADOS

(en miles de m<sup>3</sup>)

| DENOMINACION                  | NAFTA PARA REFORMAR | NAFTA SUPER | NAFTA COMUN | KEROSENE | COMBUSTIBLE J.P. | GAS - OIL | FUEL - OIL | PETROLEO | PROPANO | BUTANO |
|-------------------------------|---------------------|-------------|-------------|----------|------------------|-----------|------------|----------|---------|--------|
| POLIDUCTOS                    |                     |             |             |          |                  |           |            |          |         |        |
| Ingresado a Campo Durán       | 367.9               | —           | —           | —        | 29.9             | 346.8     | —          | —        | 224.1   | 112.5  |
| Derivado en Mosconi           | 9.7                 | —           | —           | —        | 0.9              | 70.3      | —          | —        | —       | —      |
| Derivado Chachapoyas          | 48.6                | —           | —           | —        | 13.9             | 159.6     | —          | —        | 19.9    | 20.7   |
| Derivado en Tucumán           | 43.7                | —           | —           | —        | 10.1             | 103.1     | —          | —        | 25.3    | 29.8   |
| Recibido en M. Cristo         | 261.7               | —           | —           | —        | 2.5              | 16.4      | —          | —        | 190.6   | 75.7   |
| Ingresado en Luján de Cuyo    | 290.4               | 821.6       | 547.1       | 108.1    | 31.6             | 1975.2    | —          | —        | 0.9     | 214.1  |
| Derivado en Villa Mercedes    | —                   | 90.1        | 77.7        | 41.4     | 4.7              | 294.9     | —          | —        | —       | —      |
| Derivado en Junín             | —                   | 58.9        | 60.8        | 33.9     | —                | 275.9     | —          | —        | —       | —      |
| Recibido en M. Cristo         | 281.2               | 478.9       | 301.2       | 43.6     | 20.7             | 1103.5    | —          | —        | 0.9     | 209.2  |
| Recibido en La Matanza        | —                   | 206.1       | 118.5       | 0.4      | —                | 246.2     | —          | —        | —       | —      |
| Ingresado en M. Cristo        | 534.5               | 183.1       | 165.3       | —        | 0.3              | 561.8     | —          | —        | 92.1    | 143.3  |
| Recibido en San Lorenzo       | 536.6               | 190.6       | 171.4       | —        | 0.4              | 548.9     | —          | —        | 89.7    | 124.9  |
| Ingreso en La Plata           | —                   | 651.8       | 381.9       | 153.9    | 276.2            | 971.3     | —          | —        | —       | —      |
| Recibido en Darsena Sud       | —                   | 391.6       | 237.9       | 62.3     | —                | 608.2     | —          | —        | —       | —      |
| Recibido en La Matanza        | —                   | 256.3       | 138.4       | 90.4     | 276.1            | 363.9     | —          | —        | —       | —      |
| OLEODUCTOS                    |                     |             |             |          |                  |           |            |          |         |        |
| Puerto Herman - Luján de Cuyo | —                   | —           | —           | —        | —                | —         | —          | 194.3    | —       | —      |
| Divisadero - Luján de Cuyo    | —                   | —           | —           | —        | —                | —         | —          | 537.4    | —       | —      |
| Malargüe - Luján de Cuyo      | —                   | —           | —           | —        | —                | —         | —          | 80.2     | —       | —      |
| Medanito - Allen              | —                   | —           | —           | —        | —                | —         | —          | 5662.3   | —       | —      |
| Centenario - Allen            | —                   | —           | —           | —        | —                | —         | —          | —        | —       | —      |
| Challacó - Allen              | —                   | —           | —           | —        | —                | —         | —          | 1744.7   | —       | —      |
| Centen. Plaza Huincul         | —                   | —           | —           | —        | —                | —         | —          | 487.4    | —       | —      |
| Challacó Pza Huincul          | —                   | —           | —           | —        | —                | —         | —          | 497.6    | —       | —      |
| Allen Puerto Rosales          | —                   | —           | —           | —        | —                | —         | —          | 7573.5   | —       | —      |
| Puerto Rosales - La Plata     | —                   | —           | —           | —        | —                | —         | —          | 12440.9  | —       | —      |
| FUELODUCTO                    |                     |             |             |          |                  |           |            |          |         |        |
| La Plata - Darsena + Cías.    | —                   | —           | —           | —        | —                | —         | 755.2      | —        | —       | —      |

AÑO 1991

## ESTACIONES DE SERVICIO DE GAS NATURAL COMPRIMIDO

| PROVINCIAS       | SHELL | G.D.E. | AGIP GAS | ASTRA | ISAURA | DAPSA | ESSO | Y.P.F. | C.G.C.C. | VARIAS | TOTAL |
|------------------|-------|--------|----------|-------|--------|-------|------|--------|----------|--------|-------|
| Capital Federal  | 10    | 2      | 19       | 6     | 3      | 1     | 1    | 18     | 6        | 5      | 71    |
| Buenos Aires     | 3     | 1      | 18       | 4     | 1      | —     | 8    | 21     | 5        | 10     | 71    |
| Córdoba          | 1     | 1      | 1        | 1     | 1      | —     | 2    | 7      | —        | —      | 14    |
| Chubut           | —     | —      | —        | 2     | —      | —     | —    | —      | —        | 1      | 3     |
| La Pampa         | —     | —      | —        | —     | —      | —     | 1    | —      | —        | —      | 1     |
| Mendoza          | —     | —      | —        | —     | —      | —     | 3    | 1      | —        | 1      | 5     |
| Neuquen          | —     | —      | —        | —     | —      | —     | —    | 2      | —        | —      | 2     |
| Rio Negro        | —     | —      | —        | —     | 1      | —     | 2    | —      | —        | —      | 3     |
| Salta            | —     | —      | —        | —     | —      | —     | —    | 2      | —        | —      | 2     |
| San Juan         | —     | —      | —        | —     | —      | —     | 1    | —      | —        | —      | 1     |
| San Luis         | —     | 1      | —        | —     | —      | —     | —    | 1      | —        | —      | 2     |
| Santa Cruz       | —     | —      | —        | —     | —      | —     | —    | 3      | —        | —      | 3     |
| Santa Fe         | 1     | —      | —        | —     | —      | —     | 3    | 2      | —        | 2      | 8     |
| Tierra del Fuego | —     | —      | —        | —     | —      | —     | —    | 1      | —        | —      | 1     |
| TOTALES          | 15    | 5      | 38       | 13    | 6      | 1     | 21   | 58     | 11       | 19     | 187   |

# PRODUCCION

## PETROLEO - GAS NATURAL - CARBON MINERAL

| AÑOS | PETROLEO<br>(mil m <sup>3</sup> ) | GAS NATURAL<br>(mill. m <sup>3</sup> ) | AÑOS | PETROLEO<br>(mil m <sup>3</sup> ) | GAS NATURAL<br>(mill. m <sup>3</sup> ) | CARBON (*)<br>(mil. tn.) |
|------|-----------------------------------|----------------------------------------|------|-----------------------------------|----------------------------------------|--------------------------|
| 1911 | 2                                 | —                                      | 1951 | 3890                              | 829                                    | 1                        |
| 1912 | 7                                 | —                                      | 1952 | 3946                              | 897                                    | 30                       |
| 1913 | 21                                | 1                                      | 1953 | 4531                              | 931                                    | 37                       |
| 1914 | 44                                | 3                                      | 1954 | 4702                              | 981                                    | 32                       |
| 1915 | 82                                | 7                                      | 1955 | 4850                              | 1058                                   | 75                       |
| 1916 | 138                               | 9                                      | 1956 | 4931                              | 1147                                   | 96                       |
| 1917 | 192                               | 15                                     | 1957 | 5398                              | 1414                                   | 122                      |
| 1918 | 215                               | 18                                     | 1958 | 5669                              | 1653                                   | 136                      |
| 1919 | 211                               | 18                                     | 1959 | 7087                              | 2152                                   | 184                      |
| 1920 | 262                               | 22                                     | 1960 | 10153                             | 3574                                   | 175                      |
| 1921 | 327                               | 28                                     | 1961 | 13428                             | 4908                                   | 235                      |
| 1922 | 455                               | 37                                     | 1962 | 15614                             | 6173                                   | 210                      |
| 1923 | 530                               | 45                                     | 1963 | 15444                             | 5946                                   | 205                      |
| 1924 | 741                               | 75                                     | 1964 | 15943                             | 6535                                   | 332                      |
| 1925 | 952                               | 96                                     | 1965 | 15825                             | 6236                                   | 373                      |
| 1926 | 1248                              | 171                                    | 1966 | 16655                             | 5962                                   | 356                      |
| 1927 | 1372                              | 152                                    | 1967 | 18232                             | 6468                                   | 411                      |
| 1928 | 1442                              | 173                                    | 1968 | 19953                             | 7054                                   | 472                      |
| 1929 | 1493                              | 269                                    | 1969 | 20167                             | 7007                                   | 521                      |
| 1930 | 1431                              | 270                                    | 1970 | 22802                             | 7664                                   | 615                      |
| 1931 | 1861                              | 344                                    | 1971 | 24557                             | 8117                                   | 632                      |
| 1932 | 2089                              | 474                                    | 1972 | 25195                             | 8316                                   | 675                      |
| 1933 | 2177                              | 657                                    | 1973 | 24440                             | 8914                                   | 450                      |
| 1934 | 2230                              | 731                                    | 1974 | 24022                             | 9427                                   | 616                      |
| 1935 | 2273                              | 617                                    | 1975 | 22968                             | 10275                                  | 502                      |
| 1936 | 2458                              | 533                                    | 1976 | 23147                             | 11032                                  | 615                      |
| 1937 | 2600                              | 505                                    | 1977 | 25047                             | 11663                                  | 533                      |
| 1938 | 2715                              | 491                                    | 1978 | 26255                             | 11504                                  | 434                      |
| 1939 | 2959                              | 518                                    | 1979 | 27434                             | 12815                                  | 727                      |
| 1940 | 3276                              | 536                                    | 1980 | 28566                             | 13466                                  | 389                      |
| 1941 | 3500                              | 593                                    | 1981 | 28852                             | 13629                                  | 498                      |
| 1942 | 3769                              | 675                                    | 1982 | 28470                             | 15523                                  | 515                      |
| 1943 | 3948                              | 676                                    | 1983 | 28474                             | 17181                                  | 486                      |
| 1944 | 3852                              | 662                                    | 1984 | 27838                             | 18764                                  | 509                      |
| 1945 | 3638                              | 608                                    | 1985 | 26675                             | 19113                                  | 400                      |
| 1946 | 3307                              | 562                                    | 1986 | 25179                             | 19246                                  | 365                      |
| 1947 | 3473                              | 582                                    | 1987 | 24857                             | 19168                                  | 373                      |
| 1948 | 3692                              | 605                                    | 1988 | 26123                             | 22734                                  | 511                      |
| 1949 | 3591                              | 673                                    | 1989 | 26713                             | 24207                                  | 514                      |
| 1950 | 3730                              | 754                                    | 1990 | 28004                             | 23018                                  | 270                      |
| —    | —                                 | —                                      | 1991 | 28621                             | 24643                                  | 292                      |

(\*) Producción comerciable

## RESERVAS COMPROBADAS DE PETROLEO

(miles de m<sup>3</sup>)

| CUENCA           | 1980   | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NOROESTE         | 13461  | 17689  | 24335  | 25173  | 24326  | 25929  | 25766  | 26325  | 33694  | 36315  | 25549  | 23143  |
| Salta            | 12191  | 17479  | 24225  | 24389  | 23605  | 24811  | 24824  | 24169  | 30714  | 31351  | 21286  | 18980  |
| Jujuy            | 1720   | 210    | 110    | 784    | 705    | 665    | 589    | 530    | 506    | 490    | 437    | 420    |
| Formosa          | —      | —      | —      | —      | 16     | 453    | 353    | 1626   | 2474   | 4474   | 3826   | 3743   |
| CUYANA           | 46986  | 40609  | 36500  | 39767  | 35162  | 39000  | 35465  | 31651  | 37234  | 33469  | 28829  | 25928  |
| Mendoza Norte    | 46986  | 40609  | 36500  | 39767  | 35162  | 39000  | 35465  | 31651  | 37234  | 33469  | 28829  | 25928  |
| NEUQUINA         | 153038 | 159006 | 159603 | 167940 | 160841 | 159780 | 156677 | 147614 | 147540 | 138071 | 100227 | 108516 |
| Mendoza Sur      | 5183   | 5059   | 13335  | 18242  | 16059  | 15170  | 15732  | 15444  | 18743  | 14987  | 9591   | 10747  |
| Neuquen          | 99316  | 108861 | 107800 | 111623 | 109738 | 111169 | 111271 | 105067 | 105022 | 100107 | 74994  | 82913  |
| Rio Negro        | 39911  | 37017  | 31162  | 31239  | 28598  | 27477  | 24158  | 22101  | 19120  | 18877  | 12278  | 12260  |
| La Pampa         | 8628   | 8069   | 7306   | 6836   | 6446   | 5964   | 5516   | 5002   | 4655   | 4100   | 3364   | 2596   |
| GOLFO SAN JORGE  | 161383 | 150682 | 141656 | 131718 | 121820 | 112501 | 106745 | 102044 | 96896  | 87926  | 61896  | 79501  |
| Chubut           | 77940  | 72292  | 69086  | 65085  | 60806  | 56263  | 53380  | 49594  | 45631  | 41581  | 30624  | 45752  |
| Santa Cruz Norte | 83443  | 78390  | 72570  | 66633  | 61084  | 56238  | 53365  | 52450  | 51065  | 46345  | 31272  | 33749  |
| AUSTRAL          | 16828  | 17707  | 24025  | 24921  | 31188  | 31079  | 30403  | 49517  | 47306  | 48842  | 33107  | 30530  |
| Santa Cruz Sur   | 7815   | 8379   | 8022   | 3811   | 3789   | 3176   | 3442   | 3531   | 4009   | 4265   | 4175   | 3556   |
| Tierra del Fuego | 9013   | 9328   | 7703   | 9499   | 8315   | 8819   | 7877   | 7473   | 43297  | 8730   | 9356   | 9226   |
| Cuenca Marina    | —      | —      | 8300   | 11611  | 19084  | 19084  | 19084  | 38513  | —      | 35847  | 19576  | 17748  |
| TOTAL GENERAL    | 391696 | 385693 | 386119 | 389519 | 373407 | 368289 | 355058 | 357151 | 362470 | 344623 | 249608 | 267618 |

# RESERVAS COMPROBADAS DE GAS NATURAL

(millones de m<sup>3</sup>)

| CUENCA           | 1980   | 1981   | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NOROESTE         | 47789  | 63816  | 99345  | 98188  | 98016  | 109490 | 107520 | 100772 | 149753 | 146830 | 144428 | 144796 |
| Salta            | 46718  | 62782  | 98342  | 96801  | 96608  | 107246 | 105261 | 100312 | 149133 | 145808 | 143563 | 143877 |
| Jujuy            | 1071   | 1034   | 1003   | 1367   | 1359   | 1489   | 1470   | 156    | 209    | 199    | 182    | 187    |
| Formosa          | —      | —      | —      | —      | 49     | 755    | 789    | 304    | 411    | 823    | 683    | 732    |
| CUYANA           | 7101   | 724    | 591    | 908    | 2421   | 2311   | 2206   | 1895   | 1291   | 1292   | 822    | 868    |
| Mendoza Norte    | 7101   | 724    | 591    | 908    | 2421   | 2311   | 2206   | 1895   | 1291   | 1292   | 822    | 868    |
| NEUQUINA         | 447797 | 449425 | 430670 | 438594 | 430319 | 437627 | 436112 | 428439 | 432788 | 406069 | 321484 | 344179 |
| Mendoza Sur      | 14119  | 13933  | 9108   | 10316  | 9068   | 9911   | 11014  | 10668  | 11041  | 10985  | 9148   | 11638  |
| Neuquen          | 405315 | 416617 | 407004 | 403379 | 397801 | 405098 | 402174 | 392642 | 399318 | 371894 | 301531 | 313076 |
| Rio Negro        | 26004  | 16686  | 12532  | 22648  | 21410  | 20807  | 21221  | 22110  | 20364  | 20431  | 10090  | 18386  |
| La Pampa         | 2359   | 2189   | 2026   | 2251   | 2040   | 1811   | 1703   | 3019   | 2065   | 2759   | 715    | 1079   |
| GOLFO SAN JORGE  | 43792  | 38962  | 38104  | 37633  | 36179  | 37419  | 34891  | 24103  | 33708  | 21060  | 12639  | 12870  |
| Chubut           | 6073   | 5452   | 5419   | 5641   | 5161   | 6936   | 6975   | 4966   | 6363   | 6453   | 4783   | 3236   |
| Santa Cruz Norte | 37719  | 33510  | 32685  | 31992  | 31018  | 30483  | 27916  | 19137  | 27345  | 14607  | 7856   | 9634   |
| AUSTRAL          | 94626  | 95510  | 122661 | 103564 | 101356 | 94651  | 90077  | 138178 | 155476 | 168676 | 99683  | 90156  |
| Santa Cruz Sur   | 49133  | 50393  | 47941  | 38766  | 35919  | 31827  | 30483  | 31336  | 30444  | 26634  | 28657  | 23458  |
| Tierra del Fuego | 45493  | 45117  | 74920  | 64798  | 40832  | 38219  | 33974  | 31067  | 125032 | 31147  | 47435  | 43107  |
| Cuenca Marina    | —      | —      | —      | —      | 24605  | 24605  | 25620  | 75775  | —      | 110895 | 23591  | 23591  |
| TOTAL GENERAL    | 641105 | 648437 | 691571 | 678887 | 668291 | 681498 | 670806 | 693387 | 773016 | 743927 | 579056 | 592869 |

# BALANCE ENERGETICO DE ARGENTINA

Unidad de medida: 10 (3) tep

| AÑO 1991                |        | Energía Primaria |                |                  |                  |                |              |      |               |        |                 | Energía Secundaria |                |                   |                 |               |             |       |                 |       |       |                |                  |
|-------------------------|--------|------------------|----------------|------------------|------------------|----------------|--------------|------|---------------|--------|-----------------|--------------------|----------------|-------------------|-----------------|---------------|-------------|-------|-----------------|-------|-------|----------------|------------------|
|                         |        | PETRO-<br>LEO    | GAS<br>NATURAL | CARB.<br>MINERAL | HIDRO<br>ENERGIA | GEOTER-<br>MIA | NU-<br>CLEAR | LEÑA | PROD.<br>CAÑA | OTRAS  | TOTAL<br>PRIMAR | ELECTRI-<br>CIDAD  | GAS<br>LICUADO | GASOL/<br>ALCOHOL | KEROS.<br>TURBO | DIESEL<br>OIL | FUEL<br>OIL | COQUE | CARB.<br>VEGET. | GASES | OTRAS | NO<br>ENERGET. | TOTAL<br>SECUND. |
| O Producción            | 25330  | 20454            | 172            | 1322             | 0                | 1514           | 713          | 442  | 800           | 50747  | 4508            | 1640               | 6758           | 1091              | 8622            | 3822          | 218         | 234   | 938             | 976   | 1194  | 30001          | 50747            |
| F Importación           | 219    | 1808             | 521            |                  |                  | 0              | 0            | 0    | 0             | 2547   | 162             | 0                  | 0              | 44                | 262             | 612           | 0           | 0     | 0               | 0     | 46    | 1126           | 3673             |
| E Exportación           | 1273   | 0                | 9              |                  |                  | 0              | 0            | 0    | 0             | 1281   | 1               | 218                | 1728           | 16                | 1773            | 634           | 93          | 0     | 210             | 64    | 4738  | 6019           |                  |
| R Variación inventario  | 96     | 0                | 89             | 0                |                  | 0              | 0            | 0    | 0             | 185    |                 | -88                | 87             | -47               | -268            | -70           | -22         | 0     | -50             | 44    | -415  | -230           |                  |
| T No aprovechado        | 0      | 1955             | 0              | 0                | 0                | 0              | 0            | 0    | 0             | 1955   |                 | 0                  | 0              | 0                 | 0               | 0             | 0           | 0     | 44              | 0     | 44    | 2000           |                  |
| A OFERTA TOTAL          | 24372  | 20306            | 773            | 1322             | 0                | 1514           | 713          | 442  | 800           | 50242  | 4669            | 1334               | 5116           | 1072              | 6843            | 3729          | 103         | 234   | 894             | 716   | 1220  | 25929          | 46170            |
| T Refinería             | -23412 | 0                |                |                  |                  |                |              |      | 0             | -23412 |                 | 762                | 6572           | 1091              | 8622            | 3822          | 0           |       | 587             | 976   | 606   | 23038          | -374             |
| R Centrales Eléctricas  | 0      | -4771            | -168           | -1322            | 0                | -1514          | 0            | 0    | 0             | -7775  | 4226            |                    |                |                   | -348            | -1583         |             |       | 0               | 0     | 0     | 4226           | -5480            |
| N Autoproducción        | 0      | -747             | -30            | 0                |                  |                | -23          | -26  | -20           | -846   | 283             |                    |                |                   | -44             | 0             | 0           |       | -224            | -15   | 0     | 283            | -845             |
| S Centro de gas         |        | -1378            |                |                  |                  |                |              |      | 0             | -1378  |                 | 878                | 186            |                   | 0               |               |             |       | 0               | 0     | 315   | 1378           | 0                |
| D Carbonera             |        |                  |                |                  |                  |                | -391         |      | 0             | -391   |                 |                    |                |                   |                 |               |             | 234   |                 | 0     | 0     | 234            | -157             |
| F Coquería/Alto Horno   |        |                  | -585           |                  |                  |                |              |      | 0             | -585   |                 |                    |                |                   |                 |               | 218         | -117  | 352             | -400  | 45    | 614            | 487              |
| C Destilería            |        |                  |                |                  |                  |                |              | 0    | 0             | 0      |                 |                    | 0              | 0                 |                 |               |             |       |                 | 0     | 228   | 228            | 228              |
| I Otros Centros         |        |                  |                |                  |                  |                |              |      | 0             | 0      |                 | 0                  | 0              | 0                 | 0               | 0             | 0           | 0     | 0               | 0     | 0     | 0              | 0                |
| N TOTAL TRANSFORM.      | -23412 | -6896            | -782           | -1322            | 0                | -1514          | -414         | -26  | -20           | -34387 | 0               | 0                  | 0              | 0                 | -392            | -1583         | 0           | -117  | -224            | -415  | 0     | -2730          | -7116            |
| Consumo Propio          |        | 13               | 2877           | 19               |                  |                | 0            | 0    | 0             | 2910   | 280             | 6                  | 11             | 17                | 150             | 1245          | 0           |       | 480             | 72    | 10    | 2272           | 5182             |
| Pérdidas (TR, AL, DI)   |        | 0                | 0              | 0                | 0                | 0              | 0            | 0    | 0             | 0      | 700             | 0                  | 0              | 0                 | 0               | 0             | 0           | 0     | 0               | 0     | 0     | 700            | 700              |
| Ajuste                  |        | 947              | 812            | -44              | 0                | 0              | 0            | 0    | 0             | 1715   | 53              | 82                 | -28            | 2                 | -463            | 84            | 1           | 0     | 1               | 49    | 67    | -151           | 1564             |
| C Transporte            | 0      | 316              | 0              |                  |                  |                | 0            |      | 0             | 316    | 20              | 0                  | 4449           | 630               | 4641            | 24            |             |       | 0               | 0     | 0     | 9764           | 10081            |
| O Industrial            | 0      | 4073             | 15             | 0                |                  |                | 0            | 416  | 780           | 5284   | 1992            | 25                 | 0              | 0                 | 113             | 736           | 102         | 0     | 163             | 180   | 228   | 3539           | 8823             |
| N Residencial           | 0      | 3933             | 0              |                  |                  |                | 299          |      | 0             | 4232   | 941             | 971                | 0              | 422               | 374             | 46            |             | 117   | 0               | 0     | 0     | 2871           | 7103             |
| S Comercial, Pub., Ser  | 0      | 1067             | 0              |                  |                  |                | 0            |      | 0             | 1067   | 646             | 44                 | 0              | 0                 | 0               | 11            |             | 0     | 0               | 0     | 0     | 700            | 1767             |
| U Agro, Pesca, Minería  | 0      | 0                | 0              | 0                |                  |                | 0            | 0    | 0             | 0      | 37              | 0                  | 0              | 0                 | 1636            | 0             | 0           | 0     | 0               | 0     | 0     | 1672           | 1672             |
| M Construcción y Otros  | 0      | 0                | 0              |                  |                  |                | 0            |      | 0             | 0      | 0               | 0                  | 0              | 0                 | 0               | 0             |             | 0     | 0               | 0     | 0     | 0              | 0                |
| F Consumo Energético    | 0      | 9389             | 15             | 0                | 0                | 0              | 299          | 416  | 780           | 10899  | 3635            | 1040               | 4449           | 1052              | 6764            | 818           | 102         | 117   | 163             | 180   | 228   | 18547          | 29445            |
| I Consumo no Energético |        | 332              |                |                  |                  |                | 0            | 0    | 0             | 332    | 0               | 205                | 685            | 0                 | 0               | 0             | 0           | 0     | 26              | 0     | 915   | 1831           | 2163             |
| A CONSUMO FINAL         | 0      | 9721             | 15             | 0                | 0                | 0              | 299          | 416  | 780           | 11231  | 3635            | 1245               | 5133           | 1052              | 6764            | 818           | 102         | 117   | 189             | 180   | 1143  | 20378          | 31609            |

FORMATO CUADRO

PROVISORIO

PROVISORIO

FORMATO CIADE

# BALANCE ENERGETICO NACIONAL

T.E.P. x 10 (3)

PAIS: ARGENTINA

AÑO 1991

| FORMAS DE ENERGIA  | OFERTA     |             |           |              |             | TRANSFORMACION |          |         |            |                      |          |                |            |           |            | CONSUMO     |              |               |           |          |           |          |            |          |            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|--------------------|------------|-------------|-----------|--------------|-------------|----------------|----------|---------|------------|----------------------|----------|----------------|------------|-----------|------------|-------------|--------------|---------------|-----------|----------|-----------|----------|------------|----------|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                    | PRODUCCION | IMPORTACION | VARIACION | OFERTA TOTAL | EXPORTACION | NO APROVECH.   | PERDIDAS | AJUSTES | DE INTERNA | CENTRALES ELECTRICAS |          | PLANTAS DE GAS | REFINERIAS | COQUERIAS | CARBONERAS | AJIOS HORNO | CONS. PROPIO | CONSUMO FINAL |           |          |           |          |            |          |            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                    |            |             |           |              |             |                |          |         |            | SERVICIO PUBLICO     | ADUCCION |                |            |           |            |             |              | TOTAL         | NO ENZER. | RESIDUAL | COMERCIAL | Y AJUSTE | TRANSPORTE | AGROPEC. | INDUSTRIAL |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                    |            |             |           |              |             |                |          |         |            |                      |          |                |            |           |            |             |              |               |           |          |           |          |            |          |            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Energia Hidraulica | 1322       | 0           | 0         | 1322         | 0           | 0              | 1322     | 0       | 0          | 0                    | 0        | 0              | 0          | 0         | 0          | 0           | 0            | 0             | 0         | 0        | 0         | 0        | 0          | 0        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |

## BALANCE DE TRANSFORMACION

|         |                    |       |       |        |        |      |      |      |
|---------|--------------------|-------|-------|--------|--------|------|------|------|
| INSUMOS | Energía Primaria   | -3004 | -99   | -20306 | -23412 | -585 | -391 | 0    |
|         | Energía Secundaria | -6702 | -1029 | 0      | 0      | -400 | 0    | -563 |
|         | TOTAL              | -9706 | -1128 | 20306  | -23412 | -985 | -391 | -563 |
|         | Producción         | 4226  | 283   | 20306  | 23038  | 849  | 234  | 211  |
|         | Pérdidas           | 5480  | 845   | 0      | 374    | 136  | 157  | 352  |
|         |                    |       |       |        |        |      |      |      |

PROVISORIO

EVALUACION ENERGETICA

# CONSUMO APARENTE

Año 1991 (En miles de T. e. p.)

| CONSUMO APARENTE               | Existencia Inicial | Producción | Importación | Exportación y Pérdidas | Ventas Bunker | Usos Petroq. y Otros | Existencia Final | Consumo |
|--------------------------------|--------------------|------------|-------------|------------------------|---------------|----------------------|------------------|---------|
| Combustibles Sólidos Minerales | 263,3              | 172,2      | 631,0       | 8,6                    | —             | —                    | 202,9            | 855,0   |
| Carbón Nacional                | 149,2              | 172,2      | —           | 8,6                    | —             | —                    | 120,0            | 192,8   |
| Carbón Importado               | 114,1              | —          | 631,0       | —                      | —             | —                    | 82,9             | 662,2   |
| Derivados de Petróleo          | 1125,2             | 23798,8    | 934,1       | 3890,6                 | 487,1         | 632,1                | 1625,5           | 19222,8 |
| Aeronafta                      | 6,1                | 12,7       | —           | —                      | —             | —                    | 2,1              | 16,7    |
| Nafta Común                    | 184,0              | 3290,3     | —           | 123,2                  | —             | —                    | 175,2            | 3175,9  |
| Nafta especial                 | 153,0              | 2764,4     | —           | 1577,3                 | —             | —                    | 125,1            | 1215,0  |
| Kerosene                       | 36,7               | 455,7      | 45,4        | —                      | —             | —                    | 68,7             | 469,1   |
| Comb. p/Retro                  | 82,6               | 660,7      | —           | 16,2                   | —             | —                    | 99,4             | 627,7   |
| Gas-Oil                        | 194,9              | 8265,9     | 264,4       | 1318,8                 | 195,8         | —                    | 483,1            | 6727,5  |
| Diesel-Oil                     | 30,6               | 437,0      | —           | —                      | 64,5          | —                    | 8,7              | 394,4   |
| Fuel-Oil                       | 158,4              | 3654,2     | 624,3       | 420,4                  | 226,8         | —                    | 253,2            | 3536,5  |
| Residuos Pesados               | 68,2               | 266,5      | —           | —                      | —             | —                    | 39,4             | 295,3   |
| Carbón Residual                | 37,2               | 966,3      | —           | 207,9                  | —             | —                    | 345,4            | 450,2   |
| Gas Residual de Destilería     | —                  | 591,1      | —           | —                      | —             | 28,3                 | —                | 562,8   |
| Gas Licuado                    | 173,5              | 1705,0     | —           | 226,8                  | —             | 206,7                | 25,2             | 1419,8  |
| Petróleo como tal              | —                  | 13,4       | —           | —                      | —             | —                    | —                | 13,4    |
| Hidrocarburos Residuales       | —                  | 715,6      | —           | —                      | —             | 397,1                | —                | 318,5   |
| Gas Natural                    | —                  | 20301,6    | 1928,8      | 2766,2                 | —             | 197,5                | —                | 19266,7 |
| Hidroelectricidad              | —                  | 4391,1     | 536,6       | 2,8                    | —             | —                    | —                | 4924,9  |
| Nuclear                        | —                  | 1798,9     | —           | —                      | —             | —                    | —                | 1798,9  |
| Comb. Vegetales                | —                  | 2409,0     | —           | —                      | —             | —                    | —                | 2409,0  |
| TOTALES                        | 1388,5             | 52871,6    | 4030,5      | 6668,2                 | 487,1         | 829,6                | 1828,4           | 48477,3 |

COMPTON CONTINENTAL

|                     |           |                  |
|---------------------|-----------|------------------|
| Correo<br>Argentino | Central B | FRANQUEO A PAGAR |
|                     |           | CUENTA N° 695    |

SECRETARIA DE ENERGIA  
Avda. Julio A. Roca 651 - 8º  
1322 - Bs. As. - Argentina