

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)

|                    |                        |
|--------------------|------------------------|
| PERMISIONARIO:     | TGN DE BAJA CALIFORNIA |
| PUNTO DE MEDICIÓN: | ROSARITO               |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS         |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura<br>de Rocio<br>(K) | Humedad<br>(mg/m3) | Poder<br>Calorífico<br>(MJ/m3) | Índice Wobbe<br>(MJ/m3) | Acido<br>Sulfhídrico<br>(mg/m3) | Azufre total*<br>(mg/m3) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|--------------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
| 01/07/13             | 95.9623           | 0.9379                           | 0.3802               | 1.3182                   | 2.3637           | 220.7507                       | 13.1890            | 38.2029                        | 52.6184                 | 0.0006                          | 0.0019                   | 0.0022              |
| 02/07/13             | 96.1078           | 0.9890                           | 0.3587               | 1.3476                   | 2.1830           | 226.1099                       | 15.6505            | 38.1547                        | 52.5616                 | 0.0002                          |                          |                     |
| 03/07/13             | 95.9087           | 0.9979                           | 0.4783               | 1.4763                   | 2.3282           | 222.1870                       | 14.8757            | 38.0870                        | 52.4578                 | 0.0001                          |                          |                     |
| 04/07/13             | 95.4586           | 0.9994                           | 0.7126               | 1.7120                   | 2.5370           | 223.4340                       | 15.7459            | 38.0612                        | 52.3290                 | 0.0005                          |                          |                     |
| 05/07/13             | 95.5000           | 1.0477                           | 0.6795               | 1.7272                   | 2.5005           | 222.8880                       | 15.8009            | 38.0305                        | 52.2911                 | 0.0005                          |                          |                     |
| 06/07/13             | 95.0195           | 0.9005                           | 0.9088               | 1.8094                   | 2.7981           | 223.8105                       | 13.7654            | 38.1497                        | 52.3611                 | 0.0003                          |                          |                     |
| 07/07/13             | 95.1395           | 0.8972                           | 0.8682               | 1.7654                   | 2.7241           | 225.4109                       | 13.1015            | 38.1478                        | 52.3816                 | 0.0004                          |                          |                     |
| 08/07/13             | 95.4718           | 0.9906                           | 0.6346               | 1.6252                   | 2.5569           | 224.5779                       | 13.2806            | 38.1368                        | 52.4184                 | 0.0005                          |                          |                     |
| 09/07/13             | 95.5291           | 0.9990                           | 0.5748               | 1.5738                   | 2.5577           | 223.0086                       | 14.1366            | 38.1495                        | 52.4485                 | 0.0006                          |                          |                     |
| 10/07/13             | 95.2925           | 1.0148                           | 0.6762               | 1.6910                   | 2.6680           | 224.7080                       | 14.3485            | 38.1465                        | 52.3869                 | 0.0002                          |                          |                     |
| 11/07/13             | 95.0337           | 0.9653                           | 0.8325               | 1.7978                   | 2.8334           | 225.2380                       | 14.4967            | 38.1453                        | 52.3479                 | 0.0004                          |                          |                     |
| 12/07/13             | 95.0869           | 0.8802                           | 0.7659               | 1.6461                   | 2.8760           | 224.2815                       | 13.4853            | 38.2496                        | 52.5049                 | 0.0006                          |                          |                     |
| 13/07/13             | 95.1332           | 1.0061                           | 0.7393               | 1.7454                   | 2.7458           | 224.2941                       | 13.5262            | 38.1638                        | 52.3742                 | 0.0007                          |                          |                     |
| 14/07/13             | 95.4761           | 0.9551                           | 0.7433               | 1.6983                   | 2.4603           | 224.1436                       | 14.1111            | 38.0934                        | 52.3660                 | 0.0009                          |                          |                     |
| 15/07/13             | 95.8454           | 0.9321                           | 0.6272               | 1.5593                   | 2.2817           | 222.7159                       | 13.8967            | 38.0586                        | 52.4167                 | 0.0008                          |                          |                     |
| 16/07/13             | 95.8648           | 0.7754                           | 0.5491               | 1.3244                   | 2.4450           | 220.9341                       | 11.0611            | 38.2271                        | 52.6713                 | 0.0006                          |                          |                     |
| 17/07/13             | 95.6369           | 1.0499                           | 0.6303               | 1.6802                   | 2.4544           | 222.0392                       | 12.9156            | 38.0047                        | 52.2973                 | 0.0004                          |                          |                     |
| 18/07/13             | 95.7216           | 0.7856                           | 0.7535               | 1.5390                   | 2.4599           | 221.9349                       | 11.4589            | 38.0935                        | 52.4864                 | 0.0003                          |                          |                     |
| 19/07/13             | 96.4547           | 0.6469                           | 0.5687               | 1.2156                   | 2.0619           | 219.4307                       | 9.2952             | 38.0911                        | 52.6734                 | 0.0002                          |                          |                     |
| 20/07/13             | 95.6815           | 0.6624                           | 0.5143               | 1.1767                   | 2.6790           | 219.9407                       | 9.5193             | 38.4116                        | 52.8815                 | 0.0003                          |                          |                     |
| 21/07/13             | 96.1899           | 0.5231                           | 0.3662               | 0.8893                   | 2.4434           | 217.7082                       | 7.6286             | 38.4642                        | 53.0873                 | 0.0000                          |                          |                     |
| 22/07/13             | 96.0473           | 0.6524                           | 0.3908               | 1.0431                   | 2.4825           | 218.6933                       | 9.2130             | 38.3839                        | 52.9320                 | 0.0009                          |                          |                     |
| 23/07/13             | 96.3416           | 0.6671                           | 0.2866               | 0.9538                   | 2.2737           | 218.2892                       | 9.1513             | 38.3614                        | 52.9577                 | 0.0005                          |                          |                     |
| 24/07/13             | 96.2524           | 0.6397                           | 0.3989               | 1.0386                   | 2.2721           | 219.4366                       | 9.2789             | 38.3329                        | 52.9063                 | 0.0031                          |                          |                     |
| 25/07/13             | 95.8563           | 0.6691                           | 0.5125               | 1.1815                   | 2.5155           | 220.2350                       | 9.6302             | 38.3545                        | 52.8428                 | 0.0016                          |                          |                     |
| 26/07/13             | 96.1701           | 0.8073                           | 0.3601               | 1.1674                   | 2.3089           | 218.6693                       | 10.2044            | 38.2390                        | 52.7454                 | 0.0027                          |                          |                     |
| 27/07/13             | 95.7765           | 0.7190                           | 0.4967               | 1.2157                   | 2.5809           | 220.1102                       | 10.7624            | 38.3470                        | 52.8095                 | 0.0023                          |                          |                     |
| 28/07/13             | 95.6670           | 0.6952                           | 0.5664               | 1.2616                   | 2.6352           | 220.6637                       | 10.0030            | 38.3520                        | 52.7965                 | 0.0033                          |                          |                     |
| 29/07/13             | 95.8462           | 0.6427                           | 0.4268               | 1.0695                   | 2.6154           | 218.7756                       | 9.1435             | 38.4411                        | 52.9575                 | 0.0031                          |                          |                     |
| 30/07/13             | 95.7751           | 0.9638                           | 0.4838               | 1.4476                   | 2.4506           | 220.1521                       | 12.5578            | 38.1557                        | 52.5212                 | 0.0033                          |                          |                     |
| 31/07/13             | 95.8624           | 0.8412                           | 0.3987               | 1.2399                   | 2.4916           | 220.3601                       | 11.8715            | 38.3020                        | 52.7420                 | 0.0026                          |                          |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|            |             |             |             |             |             |             |             |             |             |             |  |  |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|
| Minimo     | 95.0195     | 0.5231      | 0.2866      | 0.8893      | 2.0619      | 217.7082    | 7.6286      | 38.0047     | 52.2911     | 0.0000      |  |  |
| Promedio   | 95.7132     | 0.8469      | 0.5704      | 1.4173      | 2.5027      | 221.7720    | 12.1647     | 38.2109     | 52.5991     | 0.0011      |  |  |
| Máximo     | 96.4547     | 1.0499      | 0.9088      | 1.8094      | 2.8760      | 226.1099    | 15.8009     | 38.4642     | 53.0873     | 0.0033      |  |  |
| Desv. Est. | 0.391285503 | 0.155095314 | 0.167730747 | 0.278502325 | 0.191536606 | 2.404402532 | 2.354049843 | 0.129962698 | 0.237297385 | 0.001071068 |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros máximos diarios)

PERMISIONARIO: TGN DE BAJA CALIFORNIA  
 PUNTO DE MEDICIÓN: ROSARITO  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m3) | Poder Calorífico<br>(MJ/m3) | Índice Wobbe<br>(MJ/m3) | Acido Sulfhídrico<br>(mg/m3) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/07/13             | 96.3432           | 1.0339                        | 0.4721               | 1.7645                   | 2.6546           | 224.2378                       | 15.2536            | 38.2751                     | 52.6411                 | 0.0009                       |
| 02/07/13             | 96.2153           | 1.0229                        | 0.5579               | 1.5304                   | 2.4522           | 226.1099                       | 15.7602            | 38.3160                     | 52.6716                 | 0.0016                       |
| 03/07/13             | 96.3922           | 1.0434                        | 0.7010               | 1.8050                   | 2.8636           | 225.7313                       | 15.1720            | 38.2604                     | 52.9052                 | 0.0008                       |
| 04/07/13             | 95.7756           | 1.0143                        | 0.8169               | 1.7492                   | 2.7534           | 224.8274                       | 15.7485            | 38.2977                     | 52.8735                 | 0.0022                       |
| 05/07/13             | 96.1873           | 1.0496                        | 0.8768               | 1.7768                   | 2.6472           | 224.7386                       | 15.8010            | 38.2481                     | 52.5386                 | 0.0029                       |
| 06/07/13             | 95.3881           | 1.0473                        | 0.9089               | 1.8094                   | 2.8229           | 225.9491                       | 14.8641            | 38.3063                     | 52.9580                 | 0.0022                       |
| 07/07/13             | 95.8477           | 1.0463                        | 0.8724               | 1.8067                   | 2.7733           | 225.9930                       | 14.1103            | 38.2634                     | 52.4976                 | 0.0017                       |
| 08/07/13             | 95.8132           | 1.0353                        | 0.8542               | 1.6509                   | 2.8102           | 224.7764                       | 13.3464            | 38.3193                     | 52.8346                 | 0.0031                       |
| 09/07/13             | 95.9816           | 1.0193                        | 0.8129               | 1.7036                   | 2.6192           | 223.8658                       | 14.5729            | 38.4006                     | 53.0822                 | 0.0023                       |
| 10/07/13             | 95.6694           | 1.0488                        | 0.7067               | 1.7901                   | 2.8291           | 224.8592                       | 15.1419            | 38.3892                     | 52.6717                 | 0.0021                       |
| 11/07/13             | 96.0681           | 1.0009                        | 0.8646               | 1.8046                   | 2.8467           | 225.9210                       | 15.1255            | 38.3956                     | 52.4510                 | 0.0019                       |
| 12/07/13             | 95.7226           | 0.9750                        | 0.7659               | 1.6748                   | 2.8761           | 225.8384                       | 15.7761            | 38.3318                     | 52.6495                 | 0.0021                       |
| 13/07/13             | 95.8632           | 1.0204                        | 0.7958               | 1.7698                   | 2.7889           | 225.0912                       | 13.7818            | 38.4346                     | 52.5843                 | 0.0022                       |
| 14/07/13             | 95.8212           | 1.0363                        | 0.8297               | 1.7993                   | 2.8617           | 225.8268                       | 14.6657            | 38.3081                     | 52.4642                 | 0.0021                       |
| 15/07/13             | 96.2745           | 0.9533                        | 0.8819               | 1.7784                   | 2.4188           | 223.0123                       | 15.7630            | 38.1418                     | 52.9433                 | 0.0022                       |
| 16/07/13             | 95.9484           | 0.9623                        | 0.8842               | 1.4569                   | 2.8685           | 225.3091                       | 14.6982            | 38.2944                     | 52.9884                 | 0.0028                       |
| 17/07/13             | 96.2549           | 1.0499                        | 0.7924               | 1.6941                   | 2.6045           | 224.9316                       | 14.7703            | 38.3615                     | 52.5703                 | 0.0005                       |
| 18/07/13             | 96.4024           | 0.9246                        | 0.7967               | 1.5469                   | 2.8325           | 223.0229                       | 14.4616            | 38.1215                     | 53.0108                 | 0.0011                       |
| 19/07/13             | 96.4547           | 0.8241                        | 0.7276               | 1.5438                   | 2.7845           | 221.0897                       | 14.7384            | 38.4367                     | 53.0833                 | 0.0017                       |
| 20/07/13             | 95.9792           | 1.0148                        | 0.7544               | 1.7084                   | 2.7973           | 221.7576                       | 13.6618            | 38.4206                     | 52.9400                 | 0.0007                       |
| 21/07/13             | 96.3902           | 0.9293                        | 0.8517               | 1.7162                   | 2.5435           | 221.0155                       | 7.9271             | 38.4642                     | 53.0874                 | 0.0032                       |
| 22/07/13             | 96.0584           | 0.7189                        | 0.4743               | 1.2931                   | 2.5838           | 224.3499                       | 14.9671            | 38.4178                     | 53.0227                 | 0.0011                       |
| 23/07/13             | 96.4521           | 0.8379                        | 0.7735               | 1.5885                   | 2.7533           | 220.1001                       | 9.7072             | 38.4185                     | 52.9725                 | 0.0026                       |
| 24/07/13             | 96.3748           | 0.8469                        | 0.7860               | 1.7247                   | 2.6953           | 225.6894                       | 14.0231            | 38.3532                     | 52.9884                 | 0.0033                       |
| 25/07/13             | 96.4526           | 0.8886                        | 0.8903               | 1.2054                   | 2.7647           | 221.2433                       | 14.3787            | 38.3552                     | 52.9815                 | 0.0018                       |
| 26/07/13             | 96.1941           | 0.9303                        | 0.8173               | 1.5328                   | 2.8227           | 219.4659                       | 14.9184            | 38.4283                     | 53.0428                 | 0.0028                       |
| 27/07/13             | 96.1363           | 0.8942                        | 0.8545               | 1.2221                   | 2.8433           | 221.6712                       | 12.5437            | 38.3980                     | 52.8709                 | 0.0027                       |
| 28/07/13             | 95.9324           | 0.9070                        | 0.8618               | 1.5142                   | 2.8374           | 222.7418                       | 10.1499            | 38.4319                     | 52.8201                 | 0.0033                       |
| 29/07/13             | 96.0013           | 0.9100                        | 0.6274               | 1.5196                   | 2.8580           | 219.2408                       | 9.9807             | 38.4588                     | 53.0312                 | 0.0033                       |
| 30/07/13             | 96.1397           | 1.0075                        | 0.6045               | 1.6034                   | 2.8254           | 225.2349                       | 12.9517            | 38.2786                     | 52.8517                 | 0.0034                       |
| 31/07/13             | 96.1251           | 0.9904                        | 0.6921               | 1.3705                   | 2.7655           | 225.9901                       | 12.1694            | 38.3538                     | 53.0543                 | 0.0027                       |
| Máximo               | 96.4547           | 1.0499                        | 0.9089               | 1.8094                   | 2.8761           | 226.1099                       | 15.8010            | 38.4642                     | 53.0874                 | 0.0034                       |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros mínimos diarios)

PERMISIONARIO: TGN DE BAJA CALIFORNIA  
 PUNTO DE MEDICIÓN: ROSARITO  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m3) | Poder Calorífico<br>(MJ/m3) | Índice Wobbe<br>(MJ/m3) | Acido Sulfhídrico<br>(mg/m3) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/07/13             | 95.9222           | 0.6023                        | 0.3784               | 0.9807                   | 2.3438           | 219.7462                       | 8.5495             | 38.0400                     | 52.5247                 | 0.0002                       |
| 02/07/13             | 96.0524           | 0.8373                        | 0.3452               | 1.1825                   | 2.1747           | 220.0149                       | 11.7102            | 38.0196                     | 52.4508                 | 0.0002                       |
| 03/07/13             | 95.7127           | 0.9530                        | 0.3189               | 1.2719                   | 2.2549           | 219.8365                       | 11.1518            | 38.0650                     | 52.3980                 | 0.0001                       |
| 04/07/13             | 95.4208           | 0.6984                        | 0.5230               | 1.2214                   | 2.1021           | 221.4886                       | 12.2142            | 38.0061                     | 52.3250                 | 0.0001                       |
| 05/07/13             | 95.4137           | 0.7176                        | 0.3580               | 1.0756                   | 2.2766           | 219.0682                       | 9.0667             | 38.0090                     | 52.2912                 | 0.0003                       |
| 06/07/13             | 95.0195           | 0.5945                        | 0.7817               | 1.3762                   | 2.3824           | 222.3784                       | 8.6132             | 38.0399                     | 52.3094                 | 0.0002                       |
| 07/07/13             | 95.0810           | 0.7958                        | 0.6356               | 1.4314                   | 2.4630           | 218.3343                       | 10.1151            | 38.1091                     | 52.2964                 | 0.0002                       |
| 08/07/13             | 95.0830           | 0.8582                        | 0.5609               | 1.4191                   | 2.2890           | 222.7710                       | 10.3429            | 38.0300                     | 52.3473                 | 0.0003                       |
| 09/07/13             | 95.0540           | 0.6983                        | 0.3454               | 1.0437                   | 2.2433           | 220.4153                       | 12.3135            | 38.1082                     | 52.4191                 | 0.0002                       |
| 10/07/13             | 95.0244           | 0.6175                        | 0.4174               | 1.0349                   | 2.0875           | 221.6728                       | 10.0533            | 38.0362                     | 52.3380                 | 0.0001                       |
| 11/07/13             | 95.0270           | 0.6493                        | 0.6449               | 1.2942                   | 2.3864           | 222.3927                       | 11.5058            | 38.1206                     | 52.3050                 | 0.0003                       |
| 12/07/13             | 95.0381           | 0.6138                        | 0.6564               | 1.2702                   | 2.4959           | 222.0463                       | 13.0284            | 38.1393                     | 52.4219                 | 0.0004                       |
| 13/07/13             | 95.0375           | 0.9755                        | 0.6097               | 1.5852                   | 2.1301           | 219.4723                       | 11.0562            | 38.1304                     | 52.2960                 | 0.0002                       |
| 14/07/13             | 95.2479           | 0.8949                        | 0.4099               | 1.3048                   | 2.4517           | 224.0282                       | 8.5367             | 38.0420                     | 52.3556                 | 0.0003                       |
| 15/07/13             | 95.0306           | 0.5549                        | 0.5683               | 1.1232                   | 2.2294           | 218.1497                       | 12.2875            | 38.0212                     | 52.2920                 | 0.0005                       |
| 16/07/13             | 95.1596           | 0.5915                        | 0.3835               | 0.9750                   | 2.2043           | 220.2328                       | 10.2916            | 38.2231                     | 52.3566                 | 0.0004                       |
| 17/07/13             | 95.2650           | 0.5531                        | 0.3022               | 0.8553                   | 2.3596           | 219.8894                       | 10.7102            | 38.0047                     | 52.2936                 | 0.0002                       |
| 18/07/13             | 95.5820           | 0.7321                        | 0.3583               | 1.0904                   | 2.0713           | 218.2974                       | 8.6246             | 38.0410                     | 52.4693                 | 0.0001                       |
| 19/07/13             | 95.7533           | 0.5349                        | 0.3543               | 0.8892                   | 2.0619           | 218.2089                       | 8.7645             | 38.0632                     | 52.4619                 | 0.0002                       |
| 20/07/13             | 95.1780           | 0.5775                        | 0.3140               | 0.8915                   | 2.1902           | 219.0676                       | 8.6641             | 38.0127                     | 52.8522                 | 0.0001                       |
| 21/07/13             | 95.5045           | 0.5232                        | 0.3346               | 0.8578                   | 2.3205           | 217.7083                       | 7.6287             | 38.3991                     | 52.6639                 | 0.0001                       |
| 22/07/13             | 95.9685           | 0.6172                        | 0.3755               | 0.9927                   | 2.2416           | 218.0584                       | 8.5013             | 38.2871                     | 52.8675                 | 0.0005                       |
| 23/07/13             | 95.8729           | 0.6485                        | 0.2867               | 0.9352                   | 2.1636           | 218.0642                       | 7.9573             | 38.1816                     | 52.8553                 | 0.0005                       |
| 24/07/13             | 95.7537           | 0.5667                        | 0.3006               | 0.8673                   | 2.2133           | 218.2813                       | 7.9291             | 38.0942                     | 52.7434                 | 0.0004                       |
| 25/07/13             | 95.8240           | 0.6136                        | 0.4466               | 1.0602                   | 2.4623           | 218.1544                       | 8.0421             | 38.0577                     | 52.7137                 | 0.0003                       |
| 26/07/13             | 95.9924           | 0.6542                        | 0.3561               | 1.0103                   | 2.2152           | 217.7174                       | 9.8470             | 38.1296                     | 52.6709                 | 0.0013                       |
| 27/07/13             | 95.1514           | 0.6561                        | 0.4856               | 1.1417                   | 2.2054           | 218.0939                       | 8.4214             | 38.3190                     | 52.7033                 | 0.0009                       |
| 28/07/13             | 95.4091           | 0.5639                        | 0.4598               | 1.0237                   | 2.0916           | 219.2277                       | 9.7329             | 38.2686                     | 52.5598                 | 0.0006                       |
| 29/07/13             | 95.1639           | 0.6334                        | 0.4075               | 1.0409                   | 2.3634           | 218.3704                       | 8.9325             | 38.0816                     | 52.6167                 | 0.0031                       |
| 30/07/13             | 95.3172           | 0.7612                        | 0.3325               | 1.0937                   | 2.3286           | 219.4965                       | 10.6741            | 38.0765                     | 52.3272                 | 0.0002                       |
| 31/07/13             | 95.4246           | 0.6488                        | 0.3938               | 0.9199                   | 2.4190           | 219.9736                       | 9.5427             | 38.1750                     | 52.6628                 | 0.0018                       |

|        |         |        |        |        |        |          |        |         |         |        |
|--------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|
| Mínimo | 95.0195 | 0.5232 | 0.2867 | 0.8553 | 2.0619 | 217.7083 | 7.6287 | 38.0047 | 52.2912 | 0.0001 |
|--------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|

Observaciones:

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**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)

|                    |                        |
|--------------------|------------------------|
| PERMISIONARIO:     | TGN DE BAJA CALIFORNIA |
| PUNTO DE MEDICIÓN: | PLS1                   |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS         |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura<br>de Rocío<br>(K) | Humedad<br>(mg/m3) | Poder<br>Calorífico<br>(MJ/m3) | Índice Wobbe<br>(MJ/m3) | Acido<br>Sulfhídrico<br>(mg/m3) | Azufre total*<br>(mg/m3) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|--------------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
| 01/07/13             | 97.5790           | 0.1238                           | 0.7455               | 0.8693                   | 1.3159           | 220.7507                       | 13.1890            | 37.9878                        | 52.6184                 | 0.0006                          | 0.0019                   | 0.0022              |
| 02/07/13             | 97.5796           | 0.1238                           | 0.7457               | 0.8695                   | 1.3158           | 226.1099                       | 15.6505            | 37.9878                        | 52.5616                 | 0.0002                          |                          |                     |
| 03/07/13             | 97.5787           | 0.1237                           | 0.7457               | 0.8694                   | 1.3154           | 222.1870                       | 14.8757            | 37.9878                        | 52.4578                 | 0.0001                          |                          |                     |
| 04/07/13             | 97.5799           | 0.1237                           | 0.7458               | 0.8695                   | 1.3154           | 223.4340                       | 15.7459            | 37.9877                        | 52.3290                 | 0.0005                          |                          |                     |
| 05/07/13             | 97.5787           | 0.1236                           | 0.7459               | 0.8696                   | 1.3154           | 222.8880                       | 15.8009            | 37.9876                        | 52.2911                 | 0.0005                          |                          |                     |
| 06/07/13             | 97.5792           | 0.1236                           | 0.7458               | 0.8694                   | 1.3154           | 223.8105                       | 13.7654            | 37.9875                        | 52.3611                 | 0.0003                          |                          |                     |
| 07/07/13             | 97.5810           | 0.1236                           | 0.7460               | 0.8696                   | 1.3156           | 225.4109                       | 13.1015            | 37.9874                        | 52.3816                 | 0.0004                          |                          |                     |
| 08/07/13             | 97.5791           | 0.1236                           | 0.7457               | 0.8693                   | 1.3155           | 224.5779                       | 13.2806            | 37.9876                        | 52.4184                 | 0.0005                          |                          |                     |
| 09/07/13             | 97.5806           | 0.1236                           | 0.7460               | 0.8696                   | 1.3157           | 223.0086                       | 14.1366            | 37.9875                        | 52.4485                 | 0.0006                          |                          |                     |
| 10/07/13             | 97.5786           | 0.1236                           | 0.7462               | 0.8698                   | 1.3157           | 224.7080                       | 14.3485            | 37.9873                        | 52.3869                 | 0.0002                          |                          |                     |
| 11/07/13             | 97.5789           | 0.1236                           | 0.7462               | 0.8698                   | 1.3155           | 225.2380                       | 14.4967            | 37.9874                        | 52.3479                 | 0.0004                          |                          |                     |
| 12/07/13             | 97.5783           | 0.1236                           | 0.7462               | 0.8698                   | 1.3153           | 224.2815                       | 13.4853            | 37.9875                        | 52.5049                 | 0.0006                          |                          |                     |
| 13/07/13             | 97.5801           | 0.1235                           | 0.7461               | 0.8696                   | 1.3155           | 224.2941                       | 13.5262            | 37.9876                        | 52.3742                 | 0.0007                          |                          |                     |
| 14/07/13             | 97.5783           | 0.1235                           | 0.7462               | 0.8697                   | 1.3154           | 224.1436                       | 14.1111            | 37.9875                        | 52.3660                 | 0.0009                          |                          |                     |
| 15/07/13             | 97.5786           | 0.1235                           | 0.7462               | 0.8697                   | 1.3151           | 222.7159                       | 13.8967            | 37.9874                        | 52.4167                 | 0.0008                          |                          |                     |
| 16/07/13             | 97.5784           | 0.1235                           | 0.7467               | 0.8702                   | 1.3158           | 220.9341                       | 11.0611            | 37.9871                        | 52.6713                 | 0.0006                          |                          |                     |
| 17/07/13             | 97.5802           | 0.1235                           | 0.7465               | 0.8701                   | 1.3157           | 222.0392                       | 12.9156            | 37.9872                        | 52.2973                 | 0.0004                          |                          |                     |
| 18/07/13             | 97.5792           | 0.1235                           | 0.7465               | 0.8700                   | 1.3156           | 221.9349                       | 11.4589            | 37.9871                        | 52.4864                 | 0.0003                          |                          |                     |
| 19/07/13             | 97.5809           | 0.1235                           | 0.7466               | 0.8701                   | 1.3155           | 219.4307                       | 9.2952             | 37.9870                        | 52.6734                 | 0.0002                          |                          |                     |
| 20/07/13             | 97.5805           | 0.1235                           | 0.7465               | 0.8700                   | 1.3150           | 219.9407                       | 9.5193             | 37.9870                        | 52.8815                 | 0.0003                          |                          |                     |
| 21/07/13             | 97.5791           | 0.1235                           | 0.7465               | 0.8700                   | 1.3154           | 217.7082                       | 7.6286             | 37.9870                        | 53.0873                 | 0.0000                          |                          |                     |
| 22/07/13             | 97.5790           | 0.1235                           | 0.7466               | 0.8701                   | 1.3163           | 218.6933                       | 9.2130             | 37.9873                        | 52.9320                 | 0.0009                          |                          |                     |
| 23/07/13             | 97.5799           | 0.1235                           | 0.7465               | 0.8701                   | 1.3157           | 218.2892                       | 9.1513             | 37.9874                        | 52.9577                 | 0.0005                          |                          |                     |
| 24/07/13             | 97.5806           | 0.1236                           | 0.7466               | 0.8701                   | 1.3156           | 219.4366                       | 9.2789             | 37.9873                        | 52.9063                 | 0.0031                          |                          |                     |
| 25/07/13             | 97.5791           | 0.1236                           | 0.7469               | 0.8705                   | 1.3159           | 220.2350                       | 9.6302             | 37.9871                        | 52.8428                 | 0.0016                          |                          |                     |
| 26/07/13             | 97.5801           | 0.1236                           | 0.7470               | 0.8706                   | 1.3155           | 218.6693                       | 10.2044            | 37.9870                        | 52.7454                 | 0.0027                          |                          |                     |
| 27/07/13             | 97.5800           | 0.1236                           | 0.7469               | 0.8705                   | 1.3154           | 220.1102                       | 10.7624            | 37.9871                        | 52.8095                 | 0.0023                          |                          |                     |
| 28/07/13             | 97.5798           | 0.1236                           | 0.7469               | 0.8704                   | 1.3159           | 220.6637                       | 10.0030            | 37.9869                        | 52.7965                 | 0.0033                          |                          |                     |
| 29/07/13             | 97.5772           | 0.1236                           | 0.7471               | 0.8708                   | 1.3162           | 218.7756                       | 9.1435             | 37.9886                        | 52.9575                 | 0.0031                          |                          |                     |
| 30/07/13             | 97.5772           | 0.1236                           | 0.7483               | 0.8719                   | 1.3162           | 220.1521                       | 12.5578            | 37.9943                        | 52.5212                 | 0.0033                          |                          |                     |
| 31/07/13             | 97.5772           | 0.1236                           | 0.7483               | 0.8719                   | 1.3162           | 220.3601                       | 11.8715            | 37.9943                        | 52.7420                 | 0.0026                          |                          |                     |

\* / Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|            |             |             |             |             |             |             |             |            |             |             |  |  |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|--|--|
| Mínimo     | 97.5772     | 0.1235      | 0.7455      | 0.8693      | 1.3150      | 217.7082    | 7.6286      | 37.9869    | 52.2911     | 0.0000      |  |  |
| Promedio   | 97.5793     | 0.1236      | 0.7464      | 0.8700      | 1.3156      | 221.7720    | 12.1647     | 37.9879    | 52.5991     | 0.0011      |  |  |
| Máximo     | 97.5810     | 0.1238      | 0.7483      | 0.8719      | 1.3163      | 226.1099    | 15.8009     | 37.9943    | 53.0873     | 0.0033      |  |  |
| Desv. Est. | 0.001039814 | 8.38135E-05 | 0.000650231 | 0.000633725 | 0.000306599 | 2.404402532 | 2.354049843 | 0.00175965 | 0.237297385 | 0.001071068 |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Registros máximos diarios)

PERMISIONARIO: TGN DE BAJA CALIFORNIA  
 PUNTO DE MEDICIÓN: PLS1  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m3) | Poder Calorífico<br>(MJ/m3) | Índice Wobbe<br>(MJ/m3) | Acido Sulfhídrico<br>(mg/m3) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/07/13             | 97.5807           | 0.1239                        | 0.7463               | 0.8694                   | 1.3161           | 223.8692                       | 14.5561            | 37.9911                     | 52.7443                 | 0.0030                       |
| 02/07/13             | 97.5799           | 0.1238                        | 0.7474               | 0.8709                   | 1.3162           | 226.1099                       | 15.7538            | 37.9910                     | 52.5700                 | 0.0029                       |
| 03/07/13             | 97.5800           | 0.1238                        | 0.7458               | 0.8719                   | 1.3158           | 224.1762                       | 14.9349            | 37.9926                     | 52.9852                 | 0.0002                       |
| 04/07/13             | 97.5802           | 0.1237                        | 0.7465               | 0.8717                   | 1.3158           | 223.8598                       | 15.7668            | 37.9907                     | 52.4591                 | 0.0013                       |
| 05/07/13             | 97.5790           | 0.1237                        | 0.7478               | 0.8703                   | 1.3162           | 223.3737                       | 15.8010            | 37.9897                     | 52.9406                 | 0.0020                       |
| 06/07/13             | 97.5805           | 0.1238                        | 0.7478               | 0.8704                   | 1.3162           | 225.5346                       | 14.9679            | 37.9891                     | 52.6120                 | 0.0008                       |
| 07/07/13             | 97.5810           | 0.1237                        | 0.7479               | 0.8711                   | 1.3158           | 225.5334                       | 14.9073            | 37.9878                     | 52.8764                 | 0.0021                       |
| 08/07/13             | 97.5803           | 0.1238                        | 0.7469               | 0.8707                   | 1.3161           | 225.3650                       | 13.4647            | 37.9881                     | 52.9356                 | 0.0005                       |
| 09/07/13             | 97.5808           | 0.1238                        | 0.7478               | 0.8699                   | 1.3158           | 225.6111                       | 14.5619            | 37.9917                     | 52.9539                 | 0.0010                       |
| 10/07/13             | 97.5795           | 0.1237                        | 0.7469               | 0.8710                   | 1.3162           | 225.5994                       | 15.2103            | 37.9883                     | 52.5526                 | 0.0011                       |
| 11/07/13             | 97.5809           | 0.1236                        | 0.7464               | 0.8709                   | 1.3157           | 225.9031                       | 15.4719            | 37.9874                     | 52.6223                 | 0.0006                       |
| 12/07/13             | 97.5796           | 0.1236                        | 0.7468               | 0.8701                   | 1.3158           | 224.8001                       | 15.6158            | 37.9914                     | 52.6220                 | 0.0026                       |
| 13/07/13             | 97.5806           | 0.1238                        | 0.7475               | 0.8700                   | 1.3158           | 226.0835                       | 15.3966            | 37.9892                     | 52.8078                 | 0.0013                       |
| 14/07/13             | 97.5792           | 0.1238                        | 0.7481               | 0.8718                   | 1.3159           | 225.1237                       | 14.1416            | 37.9937                     | 53.0373                 | 0.0012                       |
| 15/07/13             | 97.5799           | 0.1238                        | 0.7473               | 0.8715                   | 1.3151           | 224.3594                       | 13.9150            | 37.9904                     | 52.9919                 | 0.0017                       |
| 16/07/13             | 97.5803           | 0.1237                        | 0.7475               | 0.8713                   | 1.3161           | 220.9947                       | 11.9215            | 37.9943                     | 52.7764                 | 0.0017                       |
| 17/07/13             | 97.5806           | 0.1236                        | 0.7481               | 0.8718                   | 1.3160           | 225.8134                       | 13.0161            | 37.9895                     | 53.0065                 | 0.0011                       |
| 18/07/13             | 97.5797           | 0.1237                        | 0.7467               | 0.8702                   | 1.3161           | 225.3811                       | 12.2126            | 37.9887                     | 52.9432                 | 0.0007                       |
| 19/07/13             | 97.5809           | 0.1238                        | 0.7474               | 0.8704                   | 1.3161           | 221.3976                       | 9.7395             | 37.9926                     | 52.9991                 | 0.0031                       |
| 20/07/13             | 97.5807           | 0.1238                        | 0.7475               | 0.8715                   | 1.3159           | 220.7590                       | 11.4373            | 37.9895                     | 52.8865                 | 0.0015                       |
| 21/07/13             | 97.5792           | 0.1236                        | 0.7479               | 0.8712                   | 1.3160           | 223.7569                       | 14.4731            | 37.9918                     | 53.0874                 | 0.0020                       |
| 22/07/13             | 97.5804           | 0.1236                        | 0.7472               | 0.8701                   | 1.3163           | 225.1633                       | 10.1721            | 37.9874                     | 53.0313                 | 0.0020                       |
| 23/07/13             | 97.5804           | 0.1237                        | 0.7480               | 0.8708                   | 1.3159           | 221.7401                       | 15.4318            | 37.9895                     | 52.9968                 | 0.0027                       |
| 24/07/13             | 97.5807           | 0.1238                        | 0.7470               | 0.8715                   | 1.3162           | 225.6199                       | 11.9691            | 37.9900                     | 53.0345                 | 0.0031                       |
| 25/07/13             | 97.5796           | 0.1236                        | 0.7475               | 0.8707                   | 1.3161           | 221.0109                       | 13.3886            | 37.9927                     | 53.0853                 | 0.0017                       |
| 26/07/13             | 97.5807           | 0.1236                        | 0.7470               | 0.8707                   | 1.3159           | 219.7256                       | 11.1060            | 37.9921                     | 52.8240                 | 0.0032                       |
| 27/07/13             | 97.5805           | 0.1237                        | 0.7474               | 0.8718                   | 1.3158           | 220.5620                       | 15.7103            | 37.9926                     | 53.0290                 | 0.0029                       |
| 28/07/13             | 97.5809           | 0.1237                        | 0.7477               | 0.8709                   | 1.3161           | 225.9394                       | 13.8004            | 37.9879                     | 52.9444                 | 0.0033                       |
| 29/07/13             | 97.5793           | 0.1237                        | 0.7476               | 0.8717                   | 1.3162           | 219.5235                       | 11.9175            | 37.9901                     | 53.0029                 | 0.0033                       |
| 30/07/13             | 97.5799           | 0.1238                        | 0.7483               | 0.8720                   | 1.3162           | 223.0982                       | 12.9884            | 37.9944                     | 52.8947                 | 0.0034                       |
| 31/07/13             | 97.5797           | 0.1237                        | 0.7483               | 0.8720                   | 1.3162           | 221.2107                       | 12.5302            | 37.9944                     | 52.9373                 | 0.0030                       |
| Máximo               | 97.5810           | 0.1239                        | 0.7483               | 0.8720                   | 1.3163           | 226.1099                       | 15.8010            | 37.9944                     | 53.0874                 | 0.0034                       |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros mínimos diarios)

PERMISIONARIO: TGN DE BAJA CALIFORNIA  
 PUNTO DE MEDICIÓN: PLS1  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de Rocio<br>(K) | Humedad<br>(mg/m3) | Poder Calorífico<br>(MJ/m3) | Índice Wobbe<br>(MJ/m3) | Acido Sulfhídrico<br>(mg/m3) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/07/13             | 97.5783           | 0.1235                        | 0.7456               | 0.8691                   | 1.3154           | 218.8273                    | 12.9978            | 37.9872                     | 52.5363                 | 0.0003                       |
| 02/07/13             | 97.5775           | 0.1237                        | 0.7456               | 0.8693                   | 1.3152           | 219.2503                    | 8.4650             | 37.9873                     | 52.4255                 | 0.0001                       |
| 03/07/13             | 97.5773           | 0.1236                        | 0.7456               | 0.8692                   | 1.3152           | 220.9707                    | 13.7267            | 37.9873                     | 52.4249                 | 0.0001                       |
| 04/07/13             | 97.5785           | 0.1235                        | 0.7457               | 0.8692                   | 1.3152           | 222.3583                    | 10.0501            | 37.9875                     | 52.3000                 | 0.0005                       |
| 05/07/13             | 97.5778           | 0.1236                        | 0.7458               | 0.8694                   | 1.3153           | 218.4939                    | 11.4380            | 37.9872                     | 52.2912                 | 0.0003                       |
| 06/07/13             | 97.5779           | 0.1236                        | 0.7458               | 0.8694                   | 1.3151           | 218.6083                    | 7.7748             | 37.9870                     | 52.3557                 | 0.0003                       |
| 07/07/13             | 97.5786           | 0.1235                        | 0.7458               | 0.8693                   | 1.3153           | 221.3495                    | 12.3932            | 37.9873                     | 52.3529                 | 0.0001                       |
| 08/07/13             | 97.5791           | 0.1236                        | 0.7456               | 0.8692                   | 1.3151           | 222.5392                    | 9.9356             | 37.9876                     | 52.2997                 | 0.0001                       |
| 09/07/13             | 97.5796           | 0.1235                        | 0.7456               | 0.8691                   | 1.3156           | 222.9252                    | 12.0173            | 37.9872                     | 52.3730                 | 0.0001                       |
| 10/07/13             | 97.5773           | 0.1235                        | 0.7458               | 0.8693                   | 1.3156           | 222.1026                    | 7.8108             | 37.9870                     | 52.3125                 | 0.0001                       |
| 11/07/13             | 97.5787           | 0.1235                        | 0.7460               | 0.8695                   | 1.3153           | 220.7594                    | 13.8406            | 37.9870                     | 52.2965                 | 0.0001                       |
| 12/07/13             | 97.5778           | 0.1235                        | 0.7460               | 0.8695                   | 1.3152           | 223.6671                    | 7.7622             | 37.9871                     | 52.4131                 | 0.0001                       |
| 13/07/13             | 97.5789           | 0.1235                        | 0.7456               | 0.8691                   | 1.3153           | 220.6752                    | 9.7246             | 37.9875                     | 52.3590                 | 0.0001                       |
| 14/07/13             | 97.5773           | 0.1235                        | 0.7456               | 0.8691                   | 1.3151           | 217.9406                    | 8.2551             | 37.9872                     | 52.3609                 | 0.0005                       |
| 15/07/13             | 97.5778           | 0.1235                        | 0.7458               | 0.8693                   | 1.3151           | 221.3388                    | 8.4974             | 37.9870                     | 52.3067                 | 0.0002                       |
| 16/07/13             | 97.5780           | 0.1235                        | 0.7457               | 0.8692                   | 1.3154           | 218.7674                    | 8.8111             | 37.9871                     | 52.4142                 | 0.0001                       |
| 17/07/13             | 97.5794           | 0.1235                        | 0.7459               | 0.8694                   | 1.3152           | 221.7673                    | 10.2725            | 37.9872                     | 52.2914                 | 0.0003                       |
| 18/07/13             | 97.5792           | 0.1235                        | 0.7462               | 0.8697                   | 1.3156           | 221.6071                    | 9.4392             | 37.9871                     | 52.4824                 | 0.0003                       |
| 19/07/13             | 97.5779           | 0.1235                        | 0.7459               | 0.8694                   | 1.3153           | 218.5648                    | 8.0989             | 37.9870                     | 52.3557                 | 0.0002                       |
| 20/07/13             | 97.5775           | 0.1235                        | 0.7464               | 0.8699                   | 1.3151           | 219.0671                    | 9.3540             | 37.9870                     | 52.4081                 | 0.0002                       |
| 21/07/13             | 97.5776           | 0.1235                        | 0.7459               | 0.8694                   | 1.3152           | 217.7083                    | 7.6287             | 37.9870                     | 53.0819                 | 0.0001                       |
| 22/07/13             | 97.5776           | 0.1235                        | 0.7460               | 0.8695                   | 1.3161           | 218.6585                    | 7.9041             | 37.9872                     | 52.4484                 | 0.0001                       |
| 23/07/13             | 97.5782           | 0.1235                        | 0.7458               | 0.8693                   | 1.3151           | 217.9953                    | 7.9567             | 37.9870                     | 52.9445                 | 0.0003                       |
| 24/07/13             | 97.5777           | 0.1235                        | 0.7465               | 0.8700                   | 1.3155           | 218.8783                    | 9.2694             | 37.9871                     | 52.7189                 | 0.0012                       |
| 25/07/13             | 97.5783           | 0.1235                        | 0.7461               | 0.8696                   | 1.3158           | 220.0787                    | 8.2027             | 37.9870                     | 52.3327                 | 0.0012                       |
| 26/07/13             | 97.5780           | 0.1235                        | 0.7462               | 0.8697                   | 1.3153           | 218.1676                    | 8.9748             | 37.9870                     | 52.3076                 | 0.0018                       |
| 27/07/13             | 97.5788           | 0.1235                        | 0.7462               | 0.8697                   | 1.3154           | 219.2315                    | 7.9659             | 37.9870                     | 52.6244                 | 0.0013                       |
| 28/07/13             | 97.5795           | 0.1235                        | 0.7459               | 0.8694                   | 1.3153           | 220.4838                    | 9.7208             | 37.9870                     | 52.5124                 | 0.0009                       |
| 29/07/13             | 97.5772           | 0.1236                        | 0.7458               | 0.8694                   | 1.3151           | 218.3986                    | 7.7853             | 37.9871                     | 52.6933                 | 0.0030                       |
| 30/07/13             | 97.5772           | 0.1236                        | 0.7468               | 0.8704                   | 1.3153           | 218.9135                    | 11.0462            | 37.9888                     | 52.3620                 | 0.0027                       |
| 31/07/13             | 97.5772           | 0.1235                        | 0.7460               | 0.8699                   | 1.3158           | 218.4231                    | 9.6307             | 37.9943                     | 52.7260                 | 0.0025                       |

|        |         |        |        |        |        |          |        |         |         |        |
|--------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|
| Mínimo | 97.5772 | 0.1235 | 0.7456 | 0.8691 | 1.3151 | 217.7083 | 7.6287 | 37.9870 | 52.2912 | 0.0001 |
|--------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|

Observaciones:

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