

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                    |
|--------------------|--------------------|
| PERMISIONARIO:     | Gas Natural México |
| PUNTO DE MEDICIÓN: | PEGN Nuevo Laredo  |
| 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 de<br>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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|--------------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
| 01/04/2015           | 92.4611           | 1.0061                           | 0.0975               | 1.1036                   | 4.1212           | 314.2651                       | 156.8807           | 40.6146                        | 51.5481                 | 0.4440                          | 4.8500                   | 0.0050              |
| 02/04/2015           | 92.4378           | 0.9999                           | 0.0977               | 1.0976                   | 4.1351           | 313.9863                       | 162.1442           | 40.6300                        | 51.5607                 | 0.8138                          |                          |                     |
| 03/04/2015           | 92.4731           | 1.0028                           | 0.0971               | 1.0999                   | 4.1044           | 314.7019                       | 174.3439           | 40.6335                        | 51.5608                 | 0.5840                          |                          |                     |
| 04/04/2015           | 92.4701           | 0.9993                           | 0.0970               | 1.0963                   | 4.1214           | 312.9694                       | 165.5682           | 40.6043                        | 51.5473                 | 0.6133                          |                          |                     |
| 05/04/2015           | 92.4879           | 1.0055                           | 0.0980               | 1.1035                   | 4.1152           | 314.2376                       | 156.9457           | 40.5939                        | 51.5368                 | 0.6691                          |                          |                     |
| 06/04/2015           | 92.4886           | 1.0013                           | 0.0979               | 1.0992                   | 4.1159           | 313.4099                       | 126.3694           | 40.5799                        | 51.5320                 | 0.6298                          |                          |                     |
| 07/04/2015           | 92.4661           | 1.0035                           | 0.0978               | 1.1013                   | 4.1069           | 315.0326                       | 124.6475           | 40.6285                        | 51.5573                 | 1.1303                          |                          |                     |
| 08/04/2015           | 92.4867           | 1.0049                           | 0.0975               | 1.1024                   | 4.1020           | 314.3928                       | 150.4155           | 40.6095                        | 51.5460                 | 0.8069                          |                          |                     |
| 09/04/2015           | 92.4106           | 1.0032                           | 0.0979               | 1.1011                   | 4.1394           | 316.0345                       | 154.7540           | 40.6716                        | 51.5813                 | 0.8529                          |                          |                     |
| 10/04/2015           | 92.4182           | 1.0033                           | 0.0976               | 1.1010                   | 4.1266           | 316.2032                       | 169.1003           | 40.6758                        | 51.5836                 | 0.9296                          |                          |                     |
| 11/04/2015           | 92.4449           | 1.0006                           | 0.0977               | 1.0983                   | 4.1344           | 314.6173                       | 170.2269           | 40.6306                        | 51.5605                 | 0.8631                          |                          |                     |
| 12/04/2015           | 92.4583           | 1.0073                           | 0.0972               | 1.1045                   | 4.1178           | 314.6331                       | 155.8108           | 40.6240                        | 51.5526                 | 0.8819                          |                          |                     |
| 13/04/2015           | 92.4770           | 1.0050                           | 0.0976               | 1.1026                   | 4.1114           | 315.3014                       | 128.4348           | 40.6134                        | 51.5481                 | 0.8915                          |                          |                     |
| 14/04/2015           | 92.4846           | 1.0053                           | 0.0974               | 1.1027                   | 4.1072           | 314.5912                       | 144.8157           | 40.6012                        | 51.5413                 | 0.8788                          |                          |                     |
| 15/04/2015           | 92.4903           | 1.0032                           | 0.0980               | 1.1012                   | 4.1024           | 314.6489                       | 143.3750           | 40.5997                        | 51.5415                 | 0.5744                          |                          |                     |
| 16/04/2015           | 92.5498           | 0.9987                           | 0.0975               | 1.0962                   | 4.0804           | 314.8525                       | 123.2295           | 40.5717                        | 51.5293                 | 0.4374                          |                          |                     |
| 17/04/2015           | 92.5439           | 0.9983                           | 0.0970               | 1.0953                   | 4.0836           | 314.0666                       | 154.9622           | 40.5680                        | 51.5278                 | 0.1895                          |                          |                     |
| 18/04/2015           | 92.5228           | 1.0035                           | 0.0977               | 1.1013                   | 4.0912           | 314.3443                       | 164.0408           | 40.5808                        | 51.5309                 | 0.2216                          |                          |                     |
| 19/04/2015           | 92.4996           | 0.9988                           | 0.0980               | 1.0967                   | 4.1010           | 314.8647                       | 147.3694           | 40.6033                        | 51.5465                 | 0.1896                          |                          |                     |
| 20/04/2015           | 92.4518           | 0.9992                           | 0.1386               | 1.1378                   | 4.1238           | 313.1676                       | 127.5837           | 40.5539                        | 51.5010                 | 0.1828                          |                          |                     |
| 21/04/2015           | 92.4136           | 1.0000                           | 0.1005               | 1.1005                   | 4.1466           | 315.5924                       | 129.6886           | 40.6518                        | 51.5715                 | 0.1686                          |                          |                     |
| 22/04/2015           | 92.4049           | 1.0000                           | 0.0983               | 1.0983                   | 4.1571           | 314.3111                       | 129.8132           | 40.6315                        | 51.5613                 | 0.1982                          |                          |                     |
| 23/04/2015           | 92.3854           | 1.0032                           | 0.0977               | 1.1009                   | 4.1501           | 315.0194                       | 159.2681           | 40.6677                        | 51.5793                 | 0.2635                          |                          |                     |
| 24/04/2015           | 92.3852           | 1.0025                           | 0.0983               | 1.1008                   | 4.1433           | 316.2394                       | 200.2060           | 40.6936                        | 51.5938                 | 0.2425                          |                          |                     |
| 25/04/2015           | 92.4222           | 1.0030                           | 0.0980               | 1.1011                   | 4.1256           | 315.3491                       | 222.5571           | 40.6626                        | 51.5764                 | 0.2225                          |                          |                     |
| 26/04/2015           | 92.4179           | 1.0003                           | 0.0978               | 1.0980                   | 4.1281           | 315.4576                       | 229.4541           | 40.6680                        | 51.5813                 | 0.1918                          |                          |                     |
| 27/04/2015           | 92.4691           | 0.9994                           | 0.0977               | 1.0972                   | 4.1225           | 314.6288                       | 242.9227           | 40.6171                        | 51.5538                 | 0.1872                          |                          |                     |
| 28/04/2015           | 92.4777           | 1.0003                           | 0.0977               | 1.0979                   | 4.1185           | 314.6766                       | 250.0792           | 40.6137                        | 51.5514                 | 0.1712                          |                          |                     |
| 29/04/2015           | 92.5197           | 1.0010                           | 0.0972               | 1.0983                   | 4.1022           | 315.1427                       | 256.1774           | 40.5838                        | 51.5346                 | 0.1401                          |                          |                     |
| 30/04/2015           | 92.4935           | 1.0014                           | 0.0974               | 1.0988                   | 4.1093           | 314.2280                       | 262.0446           | 40.5870                        | 51.5360                 | 0.1784                          |                          |                     |

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

|            |         |             |             |             |             |             |             |             |             |             |
|------------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mínimo     | 92.3852 | 0.9983      | 0.0970      | 1.0953      | 4.0804      | 312.9694    | 123.2295    | 40.5539     | 51.5010     | 0.1401      |
| Promedio   | 92.4637 | 1.0020      | 0.0991      | 1.1011      | 4.1182      | 314.6989    | 169.4410    | 40.6188     | 51.5524     | 0.4916      |
| Máximo     | 92.5498 | 1.0073      | 0.1386      | 1.1378      | 4.1571      | 316.2394    | 262.0446    | 40.6936     | 51.5938     | 1.1303      |
| Desv. Est. | 0.0433  | 0.002470806 | 0.007485899 | 0.007334235 | 0.018800985 | 0.787186684 | 42.03324064 | 0.035403124 | 0.020508486 | 0.313730927 |

Observaciones:

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



**PERMISIONARIO:** Gas Natural México  
**PUNTO DE MEDICIÓN:** PEGN Nuevo Laredo  
**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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulfhídrico<br>(mg/m <sup>3</sup> ) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|-------------------------------------------|
| 01/04/2015           | 92.5100           | 1.0223                        | 0.1007               | 1.1230                   | 4.1919           | 314.9870                       | 169.9227                        | 40.7713                                  | 51.6310                              | 0.5994                                    |
| 02/04/2015           | 92.5004           | 1.0107                        | 0.1008               | 1.1115                   | 4.1707           | 315.4913                       | 176.4316                        | 40.7873                                  | 51.6465                              | 1.0733                                    |
| 03/04/2015           | 92.5391           | 1.0226                        | 0.1008               | 1.1234                   | 4.1622           | 315.6439                       | 185.0289                        | 40.8106                                  | 51.6533                              | 0.7666                                    |
| 04/04/2015           | 92.5533           | 1.0123                        | 0.0997               | 1.1120                   | 4.1813           | 314.9835                       | 187.3306                        | 40.7860                                  | 51.6472                              | 0.8131                                    |
| 05/04/2015           | 92.5293           | 1.0239                        | 0.1019               | 1.1258                   | 4.1756           | 315.8620                       | 174.0995                        | 40.7473                                  | 51.6152                              | 0.8844                                    |
| 06/04/2015           | 92.5589           | 1.0143                        | 0.1016               | 1.1159                   | 4.1528           | 314.7733                       | 142.9725                        | 40.7515                                  | 51.6246                              | 0.8214                                    |
| 07/04/2015           | 92.5141           | 1.0262                        | 0.1036               | 1.1298                   | 4.1487           | 316.1266                       | 134.9850                        | 40.7548                                  | 51.6163                              | 1.3521                                    |
| 08/04/2015           | 92.5504           | 1.0157                        | 0.1011               | 1.1168                   | 4.2090           | 316.1427                       | 167.0570                        | 40.8512                                  | 51.6824                              | 1.0193                                    |
| 09/04/2015           | 92.4778           | 1.0169                        | 0.1020               | 1.1189                   | 4.2200           | 317.0932                       | 176.4469                        | 40.8593                                  | 51.6838                              | 1.0642                                    |
| 10/04/2015           | 92.4731           | 1.0115                        | 0.1004               | 1.1119                   | 4.1899           | 317.3619                       | 183.5960                        | 40.8547                                  | 51.6845                              | 1.1452                                    |
| 11/04/2015           | 92.4946           | 1.0074                        | 0.1053               | 1.1127                   | 4.1975           | 316.8996                       | 177.0719                        | 40.8185                                  | 51.6649                              | 1.0762                                    |
| 12/04/2015           | 92.5370           | 1.0300                        | 0.1011               | 1.1311                   | 4.1584           | 316.6728                       | 161.8285                        | 40.7755                                  | 51.6276                              | 1.0952                                    |
| 13/04/2015           | 92.5463           | 1.0211                        | 0.1012               | 1.1223                   | 4.1529           | 316.8611                       | 155.1520                        | 40.7964                                  | 51.6458                              | 1.1056                                    |
| 14/04/2015           | 92.5486           | 1.0181                        | 0.1003               | 1.1183                   | 4.1717           | 316.1067                       | 158.6122                        | 40.7850                                  | 51.6422                              | 1.0923                                    |
| 15/04/2015           | 92.5350           | 1.0142                        | 0.1005               | 1.1148                   | 4.1785           | 315.9382                       | 155.3806                        | 40.7508                                  | 51.6244                              | 0.4783                                    |
| 16/04/2015           | 92.5828           | 1.0110                        | 0.0999               | 1.1109                   | 4.1273           | 315.8041                       | 151.1887                        | 40.7105                                  | 51.6033                              | 0.2036                                    |
| 17/04/2015           | 92.5974           | 1.0108                        | 0.0998               | 1.1105                   | 4.1483           | 315.0513                       | 166.1881                        | 40.7428                                  | 51.6236                              | 0.2087                                    |
| 18/04/2015           | 92.5667           | 1.0112                        | 0.0999               | 1.1111                   | 4.1385           | 315.9665                       | 175.6542                        | 40.7313                                  | 51.6151                              | 0.4086                                    |
| 19/04/2015           | 92.5433           | 1.0094                        | 0.1011               | 1.1105                   | 4.1313           | 316.4482                       | 156.0666                        | 40.7146                                  | 51.6049                              | 0.2109                                    |
| 20/04/2015           | 92.5491           | 1.0138                        | 1.1957               | 2.2095                   | 4.2559           | 314.6410                       | 153.7648                        | 40.8227                                  | 51.2356                              | 0.3897                                    |
| 21/04/2015           | 92.4661           | 1.0084                        | 0.1545               | 1.1628                   | 4.2061           | 316.4813                       | 143.9176                        | 40.7956                                  | 51.6310                              | 0.1916                                    |
| 22/04/2015           | 92.4502           | 1.0153                        | 0.1048               | 1.1200                   | 4.2141           | 316.0855                       | 139.5428                        | 40.8097                                  | 51.6546                              | 0.3775                                    |
| 23/04/2015           | 92.4262           | 1.0184                        | 0.1019               | 1.1203                   | 4.1826           | 315.7493                       | 170.7459                        | 40.7773                                  | 51.6337                              | 0.4255                                    |
| 24/04/2015           | 92.4290           | 1.0134                        | 0.1026               | 1.1160                   | 4.1727           | 316.9772                       | 215.9121                        | 40.8125                                  | 51.6561                              | 0.6969                                    |
| 25/04/2015           | 92.4747           | 1.0140                        | 0.1003               | 1.1143                   | 4.1691           | 316.7168                       | 229.2347                        | 40.8158                                  | 51.6599                              | 0.4458                                    |
| 26/04/2015           | 92.5121           | 1.0127                        | 0.1009               | 1.1136                   | 4.1700           | 316.1494                       | 235.6673                        | 40.7998                                  | 51.6526                              | 0.2089                                    |
| 27/04/2015           | 92.5520           | 1.0295                        | 0.1006               | 1.1301                   | 4.2392           | 316.0916                       | 249.4931                        | 40.8881                                  | 51.6964                              | 0.2165                                    |
| 28/04/2015           | 92.5322           | 1.0156                        | 0.1210               | 1.1366                   | 4.1761           | 317.2417                       | 257.0842                        | 40.8406                                  | 51.6668                              | 0.1986                                    |
| 29/04/2015           | 92.5829           | 1.0086                        | 0.1002               | 1.1088                   | 4.1508           | 317.1956                       | 263.6541                        | 40.8029                                  | 51.6586                              | 0.1841                                    |
| 30/04/2015           | 92.5475           | 1.0121                        | 0.1004               | 1.1125                   | 4.1414           | 316.6456                       | 272.7239                        | 40.7871                                  | 51.6460                              | 0.2050                                    |
| Máximo               | 92.5974           | 1.0300                        | 1.1957               | 2.2095                   | 4.2559           | 317.3619                       | 272.7239                        | 40.8881                                  | 51.6964                              | 1.3521                                    |

Observaciones:

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



**PERMISIONARIO:** Gas Natural México  
**PUNTO DE MEDICIÓN:** PEGN Nuevo Laredo  
**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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulfhídrico<br>(mg/m <sup>3</sup> ) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|-------------------------------------------|
| 01/04/2015           | 92.3551           | 0.9942                        | 0.0885               | 1.0826                   | 4.0864           | 313.4652                       | 147.2711                        | 40.4763                                  | 51.4748                              | 0.2927                                    |
| 02/04/2015           | 92.3582           | 0.9914                        | 0.0883               | 1.0797                   | 4.1050           | 313.3695                       | 147.7566                        | 40.4978                                  | 51.4900                              | 0.5436                                    |
| 03/04/2015           | 92.3660           | 0.9906                        | 0.0889               | 1.0795                   | 4.0814           | 313.2898                       | 151.6612                        | 40.4704                                  | 51.4735                              | 0.4042                                    |
| 04/04/2015           | 92.3718           | 0.9902                        | 0.0875               | 1.0778                   | 4.0746           | 309.8022                       | 154.8776                        | 40.3981                                  | 51.4333                              | 0.4135                                    |
| 05/04/2015           | 92.4169           | 0.9941                        | 0.0891               | 1.0832                   | 4.0761           | 313.1168                       | 141.8903                        | 40.4675                                  | 51.4711                              | 0.4538                                    |
| 06/04/2015           | 92.4263           | 0.9913                        | 0.0891               | 1.0805                   | 4.0786           | 312.2142                       | 117.2417                        | 40.4476                                  | 51.4621                              | 0.4238                                    |
| 07/04/2015           | 92.3997           | 0.9803                        | 0.0879               | 1.0682                   | 4.0653           | 313.1690                       | 117.9125                        | 40.4653                                  | 51.4785                              | 0.9060                                    |
| 08/04/2015           | 92.3398           | 0.9975                        | 0.0881               | 1.0856                   | 4.0547           | 313.5003                       | 128.8724                        | 40.4254                                  | 51.4419                              | 0.5946                                    |
| 09/04/2015           | 92.3205           | 0.9944                        | 0.0871               | 1.0815                   | 4.0942           | 314.1569                       | 134.6496                        | 40.4745                                  | 51.4733                              | 0.6415                                    |
| 10/04/2015           | 92.3181           | 0.9951                        | 0.0889               | 1.0840                   | 4.0943           | 315.3851                       | 138.5977                        | 40.5341                                  | 51.5062                              | 0.7140                                    |
| 11/04/2015           | 92.3245           | 0.9933                        | 0.0893               | 1.0825                   | 4.1106           | 313.5865                       | 158.4445                        | 40.5053                                  | 51.4918                              | 0.6500                                    |
| 12/04/2015           | 92.3809           | 0.9967                        | 0.0885               | 1.0852                   | 4.0822           | 312.6753                       | 143.4603                        | 40.4755                                  | 51.4735                              | 0.6685                                    |
| 13/04/2015           | 92.4015           | 0.9910                        | 0.0884               | 1.0793                   | 4.0504           | 312.9383                       | 109.6506                        | 40.4175                                  | 51.4432                              | 0.6775                                    |
| 14/04/2015           | 92.4159           | 0.9913                        | 0.0885               | 1.0798                   | 4.0704           | 313.2785                       | 130.7931                        | 40.4617                                  | 51.4698                              | 0.6653                                    |
| 15/04/2015           | 92.3917           | 0.9877                        | 0.0847               | 1.0724                   | 4.0578           | 313.7424                       | 134.6039                        | 40.4690                                  | 51.4767                              | 0.6705                                    |
| 16/04/2015           | 92.4783           | 0.9825                        | 0.0881               | 1.0706                   | 4.0274           | 314.2233                       | 111.4188                        | 40.4478                                  | 51.4679                              | 0.6711                                    |
| 17/04/2015           | 92.4485           | 0.9864                        | 0.0883               | 1.0747                   | 4.0270           | 313.1071                       | 121.7842                        | 40.4158                                  | 51.4460                              | 0.1655                                    |
| 18/04/2015           | 92.4460           | 0.9914                        | 0.0887               | 1.0802                   | 4.0539           | 312.7033                       | 148.9632                        | 40.4387                                  | 51.4567                              | 0.1761                                    |
| 19/04/2015           | 92.4461           | 0.9913                        | 0.0888               | 1.0801                   | 4.0703           | 313.4939                       | 141.4787                        | 40.4775                                  | 51.4796                              | 0.1741                                    |
| 20/04/2015           | 91.3696           | 0.9852                        | 0.0893               | 1.0746                   | 4.0657           | 311.5976                       | 111.8151                        | 40.0108                                  | 51.1791                              | 0.1609                                    |
| 21/04/2015           | 92.3401           | 0.9887                        | 0.0893               | 1.0780                   | 4.1031           | 312.8291                       | 120.8849                        | 40.4690                                  | 51.4745                              | 0.1392                                    |
| 22/04/2015           | 92.3205           | 0.9824                        | 0.0891               | 1.0715                   | 4.0994           | 313.5245                       | 123.1409                        | 40.5041                                  | 51.4982                              | 0.1748                                    |
| 23/04/2015           | 92.3309           | 0.9935                        | 0.0888               | 1.0823                   | 4.1180           | 313.8909                       | 139.7105                        | 40.5340                                  | 51.5094                              | 0.1900                                    |
| 24/04/2015           | 92.3465           | 0.9951                        | 0.0883               | 1.0833                   | 4.1210           | 314.7983                       | 165.7156                        | 40.5606                                  | 51.5239                              | 0.2150                                    |
| 25/04/2015           | 92.3260           | 0.9950                        | 0.0890               | 1.0840                   | 4.0945           | 314.6173                       | 215.5156                        | 40.5492                                  | 51.5156                              | 0.1972                                    |
| 26/04/2015           | 92.3544           | 0.9913                        | 0.0874               | 1.0787                   | 4.0801           | 314.5802                       | 224.8750                        | 40.5183                                  | 51.5008                              | 0.1840                                    |
| 27/04/2015           | 92.3064           | 0.9872                        | 0.0879               | 1.0751                   | 4.0660           | 312.4184                       | 235.2710                        | 40.3930                                  | 51.4293                              | 0.1642                                    |
| 28/04/2015           | 92.4013           | 0.9867                        | 0.0884               | 1.0751                   | 4.0587           | 311.9887                       | 241.0635                        | 40.4026                                  | 51.4377                              | 0.0778                                    |
| 29/04/2015           | 92.4256           | 0.9851                        | 0.0884               | 1.0735                   | 4.0553           | 312.4930                       | 244.9963                        | 40.3769                                  | 51.4242                              | 0.1068                                    |
| 30/04/2015           | 92.4110           | 0.9931                        | 0.0888               | 1.0819                   | 4.0789           | 311.9242                       | 252.2826                        | 40.4125                                  | 51.4404                              | 0.1708                                    |
| Mínimo               | 91.3696           | 0.9803                        | 0.0847               | 1.0682                   | 4.0270           | 309.8022                       | 109.6506                        | 40.0108                                  | 51.1791                              | 0.0778                                    |

Observaciones: