

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Troncal 48"                     |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 85.8820           | 0.0040                           | 6.8580               | 6.8620                   | 6.8720           |                                |                                 | 37.3447                                  | 47.4124                              |                                              |                                       |                     |
| 02/07/2014           | 86.2450           | 0.0030                           | 6.6110               | 6.6140                   | 6.7440           |                                |                                 | 37.4087                                  | 47.5527                              |                                              |                                       |                     |
| 03/07/2014           | 86.2890           | 0.0050                           | 6.6660               | 6.6710                   | 6.6860           |                                |                                 | 37.3457                                  | 47.4908                              |                                              |                                       |                     |
| 04/07/2014           | 86.0430           | 0.0020                           | 6.5330               | 6.5350                   | 7.0930           |                                |                                 | 37.4977                                  | 47.6392                              |                                              |                                       |                     |
| 05/07/2014           | 85.3260           | 0.0040                           | 7.0050               | 7.0090                   | 7.2760           |                                |                                 | 37.4057                                  | 47.3902                              |                                              |                                       |                     |
| 06/07/2014           | 85.0180           | 0.0020                           | 7.1970               | 7.1990                   | 7.2660           |                                |                                 | 37.4037                                  | 47.3128                              |                                              |                                       |                     |
| 07/07/2014           | 85.5980           | 0.0020                           | 6.5300               | 6.5320                   | 7.2860           |                                |                                 | 37.6987                                  | 47.7625                              |                                              |                                       |                     |
| 08/07/2014           | 86.0120           | 0.0050                           | 6.1350               | 6.1400                   | 7.2820           |                                |                                 | 37.8357                                  | 48.0053                              |                                              |                                       |                     |
| 09/07/2014           | 85.6160           | 0.0030                           | 5.9580               | 5.9610                   | 7.7540           |                                |                                 | 38.0947                                  | 48.2352                              |                                              |                                       |                     |
| 10/07/2014           | 85.3690           | 0.0040                           | 6.7210               | 6.7250                   | 7.3710           |                                |                                 | 37.6227                                  | 47.6377                              |                                              |                                       |                     |
| 11/07/2014           | 84.0173           | 0.0043                           | 7.3819               | 7.3863                   | 7.8540           |                                |                                 | 37.6681                                  | 47.4047                              |                                              |                                       |                     |
| 12/07/2014           | 85.4748           | 0.0054                           | 5.9912               | 5.9966                   | 7.8220           |                                |                                 | 38.1780                                  | 48.2779                              |                                              |                                       |                     |
| 13/07/2014           | 85.1607           | 0.0030                           | 6.2117               | 6.2147                   | 7.9270           |                                |                                 | 38.1222                                  | 48.1562                              |                                              |                                       |                     |
| 14/07/2014           | 84.9766           | 0.0065                           | 6.1475               | 6.1540                   | 8.2600           |                                |                                 | 38.1872                                  | 48.2188                              |                                              |                                       |                     |
| 15/07/2014           | 84.7959           | 0.0089                           | 6.8663               | 6.8752                   | 7.8140           |                                |                                 | 37.7308                                  | 47.6478                              |                                              |                                       |                     |
| 16/07/2014           | 86.1295           | 0.0111                           | 7.0179               | 7.0290                   | 6.2510           |                                |                                 | 37.2795                                  | 47.3072                              |                                              |                                       |                     |
| 17/07/2014           | 84.9745           | 0.0212                           | 7.3258               | 7.3470                   | 7.0710           |                                |                                 | 37.3952                                  | 47.2523                              |                                              |                                       |                     |
| 18/07/2014           | 84.2965           | 0.0054                           | 8.2040               | 8.2094                   | 6.9130           |                                |                                 | 37.0003                                  | 46.6649                              |                                              |                                       |                     |
| 19/07/2014           | 84.9985           | 0.0063                           | 7.8963               | 7.9026                   | 6.6570           |                                |                                 | 36.9643                                  | 46.7643                              |                                              |                                       |                     |
| 20/07/2014           | 84.9252           | 0.0045                           | 7.8989               | 7.9034                   | 6.8120           |                                |                                 | 36.9643                                  | 46.7639                              |                                              |                                       |                     |
| 21/07/2014           | 84.6571           | 0.0043                           | 7.3708               | 7.3751                   | 7.4400           |                                |                                 | 37.4448                                  | 47.2722                              |                                              |                                       |                     |
| 22/07/2014           | 85.1799           | 0.0049                           | 7.0909               | 7.0958                   | 7.1690           |                                |                                 | 37.5094                                  | 47.4235                              |                                              |                                       |                     |
| 23/07/2014           | 85.9364           | 0.0161                           | 6.7383               | 6.7544                   | 6.8960           |                                |                                 | 37.4584                                  | 47.5285                              |                                              |                                       |                     |
| 24/07/2014           | 85.6139           | 0.0133                           | 6.5216               | 6.5349                   | 7.2570           |                                |                                 | 37.7522                                  | 47.7971                              |                                              |                                       |                     |
| 25/07/2014           | 85.7290           | 0.0118                           | 6.7545               | 6.7662                   | 7.1420           |                                |                                 | 37.4907                                  | 47.5444                              |                                              |                                       |                     |
| 26/07/2014           | 85.5338           | 0.0130                           | 6.8781               | 6.8911                   | 7.1410           |                                |                                 | 37.4847                                  | 47.4902                              |                                              |                                       |                     |
| 27/07/2014           | 84.9647           | 0.0069                           | 7.4309               | 7.4378                   | 6.9330           |                                |                                 | 37.3922                                  | 47.2136                              |                                              |                                       |                     |
| 28/07/2014           | 85.1698           | 0.0116                           | 7.4747               | 7.4863                   | 6.9490           |                                |                                 | 37.1859                                  | 47.0663                              |                                              |                                       |                     |
| 29/07/2014           | 85.4198           | 0.0090                           | 7.1513               | 7.1603                   | 7.0050           |                                |                                 | 37.3376                                  | 47.2915                              |                                              |                                       |                     |
| 30/07/2014           | 85.7050           | 0.0025                           | 6.8181               | 6.8206                   | 7.1230           |                                |                                 | 37.4560                                  | 47.5032                              |                                              |                                       |                     |
| 31/07/2014           | 85.3470           | 0.0014                           | 6.9031               | 6.9045                   | 7.3340           |                                |                                 | 37.5251                                  | 47.5121                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 84.0173 | 0.0014 | 5.9580 | 5.9610 | 6.2510 |  |  | 36.9643 | 46.6649 |  |
| Promedio   | 85.3679 | 0.0066 | 6.9125 | 6.9191 | 7.2065 |  |  | 37.5221 | 47.5013 |  |
| Máximo     | 86.2890 | 0.0212 | 8.2040 | 8.2094 | 8.2600 |  |  | 38.1872 | 48.2779 |  |
| Desv. Est. | 0.5467  | 0.0047 | 0.5516 | 0.5523 | 0.4319 |  |  | 0.3200  | 0.4036  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Km-100                          |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 84.6630           | 0.0041                           | 8.2017               | 8.2058                   | 6.7240           |                                |                                 | 36.8645                                  | 46.5854                              |                                              |                                       |                     |
| 02/07/2014           | 84.3590           | 0.0039                           | 8.0987               | 8.1026                   | 7.0490           |                                |                                 | 37.0471                                  | 46.7405                              |                                              |                                       |                     |
| 03/07/2014           | 83.9895           | 0.0061                           | 7.9591               | 7.9652                   | 7.5180           |                                |                                 | 37.2496                                  | 46.9204                              |                                              |                                       |                     |
| 04/07/2014           | 83.9534           | 0.0001                           | 8.0138               | 8.0139                   | 7.6010           |                                |                                 | 37.1925                                  | 46.8670                              |                                              |                                       |                     |
| 05/07/2014           | 83.7790           | 0.0000                           | 8.1924               | 8.1924                   | 7.5060           |                                |                                 | 37.1593                                  | 46.7758                              |                                              |                                       |                     |
| 06/07/2014           | 84.0539           | 0.0000                           | 8.3721               | 8.3721                   | 7.1900           |                                |                                 | 36.9188                                  | 46.5549                              |                                              |                                       |                     |
| 07/07/2014           | 84.2301           | 0.0000                           | 8.4222               | 8.4222                   | 7.0130           |                                |                                 | 36.8275                                  | 46.4781                              |                                              |                                       |                     |
| 08/07/2014           | 83.8015           | 0.0017                           | 8.9740               | 8.9756                   | 6.9380           |                                |                                 | 36.5609                                  | 46.0932                              |                                              |                                       |                     |
| 09/07/2014           | 83.4380           | 0.0030                           | 8.8653               | 8.8682                   | 7.3520           |                                |                                 | 36.7507                                  | 46.2549                              |                                              |                                       |                     |
| 10/07/2014           | 83.7956           | 0.0096                           | 8.5693               | 8.5788                   | 7.2630           |                                |                                 | 36.8508                                  | 46.4301                              |                                              |                                       |                     |
| 11/07/2014           | 83.9207           | 0.0130                           | 8.4723               | 8.4853                   | 7.0870           |                                |                                 | 36.9175                                  | 46.5067                              |                                              |                                       |                     |
| 12/07/2014           | 84.5943           | 0.0182                           | 8.3114               | 8.3296                   | 6.7610           |                                |                                 | 36.7685                                  | 46.4736                              |                                              |                                       |                     |
| 13/07/2014           | 84.6475           | 0.0111                           | 8.4285               | 8.4397                   | 6.6170           |                                |                                 | 36.6693                                  | 46.3692                              |                                              |                                       |                     |
| 14/07/2014           | 84.7551           | 0.0305                           | 8.3239               | 8.3544                   | 6.5930           |                                |                                 | 36.6919                                  | 46.4130                              |                                              |                                       |                     |
| 15/07/2014           | 84.3238           | 0.0295                           | 8.0725               | 8.1020                   | 7.1740           |                                |                                 | 37.0263                                  | 46.7237                              |                                              |                                       |                     |
| 16/07/2014           | 84.9603           | 0.0125                           | 8.1789               | 8.1914                   | 6.5550           |                                |                                 | 36.7481                                  | 46.5163                              |                                              |                                       |                     |
| 17/07/2014           | 84.9358           | 0.0178                           | 8.0115               | 8.0294                   | 6.6940           |                                |                                 | 36.8712                                  | 46.6583                              |                                              |                                       |                     |
| 18/07/2014           | 84.6170           | 0.0077                           | 8.7709               | 8.7786                   | 6.3150           |                                |                                 | 36.4575                                  | 46.1039                              |                                              |                                       |                     |
| 19/07/2014           | 84.5739           | 0.0113                           | 8.5537               | 8.5650                   | 6.5450           |                                |                                 | 36.6119                                  | 46.2853                              |                                              |                                       |                     |
| 20/07/2014           | 84.6900           | 0.0120                           | 8.4250               | 8.4370                   | 6.5390           |                                |                                 | 36.6350                                  | 46.3414                              |                                              |                                       |                     |
| 21/07/2014           | 83.3973           | 0.0104                           | 7.8354               | 7.8458                   | 7.9560           |                                |                                 | 37.6151                                  | 47.1924                              |                                              |                                       |                     |
| 22/07/2014           | 83.6832           | 0.0108                           | 7.8804               | 7.8912                   | 7.7920           |                                |                                 | 37.4644                                  | 47.0816                              |                                              |                                       |                     |
| 23/07/2014           | 84.3781           | 0.0308                           | 7.7871               | 7.8179                   | 7.3690           |                                |                                 | 37.2161                                  | 46.9529                              |                                              |                                       |                     |
| 24/07/2014           | 84.8176           | 0.0158                           | 7.8875               | 7.9033                   | 6.9400           |                                |                                 | 36.9941                                  | 46.7837                              |                                              |                                       |                     |
| 25/07/2014           | 84.7973           | 0.0160                           | 7.7390               | 7.7550                   | 7.0870           |                                |                                 | 37.1077                                  | 46.9134                              |                                              |                                       |                     |
| 26/07/2014           | 84.0812           | 0.0250                           | 8.1624               | 8.1875                   | 7.1600           |                                |                                 | 37.1403                                  | 46.7608                              |                                              |                                       |                     |
| 27/07/2014           | 85.6715           | 0.0104                           | 5.7725               | 5.7829                   | 8.1980           |                                |                                 | 38.1418                                  | 48.3470                              |                                              |                                       |                     |
| 28/07/2014           | 85.7277           | 0.0170                           | 6.1639               | 6.1809                   | 7.7860           |                                |                                 | 37.8478                                  | 48.0037                              |                                              |                                       |                     |
| 29/07/2014           | 86.3232           | 0.0044                           | 5.9048               | 5.9092                   | 7.5230           |                                |                                 | 37.8457                                  | 48.1171                              |                                              |                                       |                     |
| 30/07/2014           | 84.6641           | 0.0065                           | 7.4031               | 7.4096                   | 7.4870           |                                |                                 | 37.3994                                  | 47.2345                              |                                              |                                       |                     |
| 31/07/2014           | 84.4110           | 0.0008                           | 7.5624               | 7.5633                   | 7.5920           |                                |                                 | 37.4815                                  | 47.2742                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.3973 | 0.0000 | 5.7725 | 5.7829 | 6.3150 |  |  | 36.4575 | 46.0932 |  |
| Promedio   | 84.4527 | 0.0110 | 7.9779 | 7.9889 | 7.1588 |  |  | 37.0669 | 46.7985 |  |
| Máximo     | 86.3232 | 0.0308 | 8.9740 | 8.9756 | 8.1980 |  |  | 38.1418 | 48.3470 |  |
| Desv. Est. | 0.6547  | 0.0090 | 0.7660 | 0.7655 | 0.4701 |  |  | 0.4101  | 0.5484  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Mayakan                         |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 84.6630           | 0.0040                           | 8.2020               | 8.2060                   | 6.7240           |                                |                                 | 36.9807                                  | 46.7329                              |                                              |                                       |                     |
| 02/07/2014           | 84.3590           | 0.0040                           | 8.0990               | 8.1030                   | 7.0480           |                                |                                 | 37.0470                                  | 46.7407                              |                                              |                                       |                     |
| 03/07/2014           | 83.9900           | 0.0060                           | 7.9590               | 7.9650                   | 7.5180           |                                |                                 | 37.2776                                  | 46.9559                              |                                              |                                       |                     |
| 04/07/2014           | 83.9530           | 0.0000                           | 8.0140               | 8.0140                   | 7.6010           |                                |                                 | 39.2795                                  | 49.4971                              |                                              |                                       |                     |
| 05/07/2014           | 83.7790           | 0.0000                           | 8.1920               | 8.1920                   | 7.5060           |                                |                                 | 38.4005                                  | 48.3387                              |                                              |                                       |                     |
| 06/07/2014           | 84.0540           | 0.0000                           | 8.3720               | 8.3720                   | 7.1900           |                                |                                 | 37.9211                                  | 47.8181                              |                                              |                                       |                     |
| 07/07/2014           | 84.2300           | 0.0000                           | 8.4220               | 8.4220                   | 7.0130           |                                |                                 | 39.3689                                  | 49.6855                              |                                              |                                       |                     |
| 08/07/2014           | 83.8010           | 0.0020                           | 8.9740               | 8.9760                   | 6.9380           |                                |                                 | 37.3396                                  | 47.0742                              |                                              |                                       |                     |
| 09/07/2014           | 83.4380           | 0.0030                           | 8.8650               | 8.8680                   | 7.3520           |                                |                                 | 38.3719                                  | 48.2956                              |                                              |                                       |                     |
| 10/07/2014           | 83.4380           | 0.0030                           | 8.8650               | 8.8680                   | 7.3520           |                                |                                 | 40.0808                                  | 50.4464                              |                                              |                                       |                     |
| 11/07/2014           | 83.9210           | 0.0130                           | 8.4720               | 8.4850                   | 7.0870           |                                |                                 | 39.5503                                  | 49.8242                              |                                              |                                       |                     |
| 12/07/2014           | 84.5940           | 0.0180                           | 8.3110               | 8.3290                   | 6.7610           |                                |                                 | 38.6054                                  | 48.7956                              |                                              |                                       |                     |
| 13/07/2014           | 84.6470           | 0.0110                           | 8.4280               | 8.4390                   | 6.6170           |                                |                                 | 37.7615                                  | 47.7501                              |                                              |                                       |                     |
| 14/07/2014           | 84.7550           | 0.0300                           | 8.3240               | 8.3540                   | 6.5930           |                                |                                 | 37.2083                                  | 47.0666                              |                                              |                                       |                     |
| 15/07/2014           | 84.3240           | 0.0300                           | 8.0720               | 8.1020                   | 7.1740           |                                |                                 | 37.0239                                  | 46.7208                              |                                              |                                       |                     |
| 16/07/2014           | 84.9600           | 0.0120                           | 8.1790               | 8.1910                   | 6.5550           |                                |                                 | 36.7478                                  | 46.5161                              |                                              |                                       |                     |
| 17/07/2014           | 84.9360           | 0.0180                           | 8.0120               | 8.0300                   | 6.6940           |                                |                                 | 37.2133                                  | 47.0915                              |                                              |                                       |                     |
| 18/07/2014           | 84.6170           | 0.0080                           | 8.7710               | 8.7790                   | 6.3150           |                                |                                 | 37.0225                                  | 46.8187                              |                                              |                                       |                     |
| 19/07/2014           | 84.5740           | 0.0110                           | 8.5540               | 8.5650                   | 6.5450           |                                |                                 | 36.8204                                  | 46.5496                              |                                              |                                       |                     |
| 20/07/2014           | 84.6900           | 0.0120                           | 8.4250               | 8.4370                   | 6.5390           |                                |                                 | 36.8484                                  | 46.6113                              |                                              |                                       |                     |
| 21/07/2014           | 83.3970           | 0.0100                           | 7.8350               | 7.8450                   | 7.9560           |                                |                                 | 36.8565                                  | 46.7422                              |                                              |                                       |                     |
| 22/07/2014           | 83.6830           | 0.0110                           | 7.8800               | 7.8910                   | 7.7920           |                                |                                 | 37.7222                                  | 47.4070                              |                                              |                                       |                     |
| 23/07/2014           | 84.3780           | 0.0310                           | 7.7870               | 7.8180                   | 7.3700           |                                |                                 | 37.7141                                  | 47.5817                              |                                              |                                       |                     |
| 24/07/2014           | 84.8180           | 0.0160                           | 7.8880               | 7.9040                   | 6.9400           |                                |                                 | 37.4253                                  | 47.3294                              |                                              |                                       |                     |
| 25/07/2014           | 84.7970           | 0.0160                           | 7.7390               | 7.7550                   | 7.0870           |                                |                                 | 37.1076                                  | 46.9134                              |                                              |                                       |                     |
| 26/07/2014           | 84.0810           | 0.0250                           | 8.1630               | 8.1880                   | 7.1600           |                                |                                 | 37.1403                                  | 46.7610                              |                                              |                                       |                     |
| 27/07/2014           | 85.6720           | 0.0100                           | 5.7720               | 5.7820                   | 8.1980           |                                |                                 | 37.7121                                  | 47.8029                              |                                              |                                       |                     |
| 28/07/2014           | 85.7280           | 0.0170                           | 6.1640               | 6.1810                   | 7.7860           |                                |                                 | 38.7213                                  | 49.1123                              |                                              |                                       |                     |
| 29/07/2014           | 86.3230           | 0.0040                           | 5.9050               | 5.9090                   | 7.5230           |                                |                                 | 38.3328                                  | 48.7360                              |                                              |                                       |                     |
| 30/07/2014           | 84.6640           | 0.0070                           | 7.4030               | 7.4100                   | 7.4870           |                                |                                 | 38.0014                                  | 47.9946                              |                                              |                                       |                     |
| 31/07/2014           | 84.4110           | 0.0010                           | 7.5630               | 7.5640                   | 7.5920           |                                |                                 | 38.0646                                  | 48.0109                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.3970 | 0.0000 | 5.7720 | 5.7820 | 6.3150 |  |  | 36.7478 | 46.5161 |  |
| Promedio   | 84.4411 | 0.0107 | 7.9875 | 7.9982 | 7.1617 |  |  | 37.7957 | 47.7329 |  |
| Máximo     | 86.3230 | 0.0310 | 8.9740 | 8.9760 | 8.1980 |  |  | 40.0808 | 50.4464 |  |
| Desv. Est. | 0.6697  | 0.0091 | 0.7754 | 0.7747 | 0.4711 |  |  | 0.8958  | 1.1001  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Cd. Pemex                       |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Rocío<br>(K) | Humedad<br>(mg/m³) | Poder Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|--------------------|-----------------------------|-------------------------|------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                   | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )             | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                  | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 84.8180           | 0.0030                        | 8.1850               | 8.1880                   | 6.5830           |                             |                    | 36.8400                     | 46.5993                 |                              |                          |                     |
| 02/07/2014           | 84.2340           | 0.0040                        | 8.2070               | 8.2110                   | 7.0560           |                             |                    | 37.0200                     | 46.6779                 |                              |                          |                     |
| 03/07/2014           | 84.1460           | 0.0070                        | 7.9000               | 7.9070                   | 7.4380           |                             |                    | 37.2430                     | 46.9591                 |                              |                          |                     |
| 04/07/2014           | 83.9540           | 0.0000                        | 7.9760               | 7.9760                   | 7.6360           |                             |                    | 37.2250                     | 46.8991                 |                              |                          |                     |
| 05/07/2014           | 83.8170           | 0.0000                        | 8.1820               | 8.1820                   | 7.4820           |                             |                    | 37.1610                     | 46.7813                 |                              |                          |                     |
| 06/07/2014           | 83.9250           | 0.0000                        | 8.3860               | 8.3860                   | 7.2900           |                             |                    | 36.9560                     | 46.5602                 |                              |                          |                     |
| 07/07/2014           | 84.3590           | 0.0000                        | 8.3170               | 8.3170                   | 6.9840           |                             |                    | 36.8680                     | 46.5603                 |                              |                          |                     |
| 08/07/2014           | 83.8180           | 0.0020                        | 8.9240               | 8.9260                   | 6.9640           |                             |                    | 36.6000                     | 46.1483                 |                              |                          |                     |
| 09/07/2014           | 83.4690           | 0.0030                        | 8.9510               | 8.9540                   | 7.2490           |                             |                    | 36.6890                     | 46.1872                 |                              |                          |                     |
| 10/07/2014           | 83.6720           | 0.0080                        | 8.5680               | 8.5760                   | 7.3790           |                             |                    | 36.9000                     | 46.4528                 |                              |                          |                     |
| 11/07/2014           | 83.9020           | 0.0140                        | 8.5440               | 8.5580                   | 7.0400           |                             |                    | 36.8820                     | 46.4670                 |                              |                          |                     |
| 12/07/2014           | 84.5730           | 0.0170                        | 8.3330               | 8.3500                   | 6.7670           |                             |                    | 36.7660                     | 46.4686                 |                              |                          |                     |
| 13/07/2014           | 84.5670           | 0.0100                        | 8.4160               | 8.4260                   | 6.6930           |                             |                    | 36.7150                     | 46.4041                 |                              |                          |                     |
| 14/07/2014           | 84.7680           | 0.0270                        | 8.3500               | 8.3770                   | 6.5590           |                             |                    | 36.6790                     | 46.3957                 |                              |                          |                     |
| 15/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 16/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 17/07/2014           | 84.9190           | 0.0200                        | 7.9760               | 7.9960                   | 6.7480           |                             |                    | 36.9120                     | 46.6904                 |                              |                          |                     |
| 18/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 19/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 20/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 21/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 22/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 23/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 24/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 25/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 26/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 27/07/2014           |                   |                               |                      |                          |                  |                             |                    |                             |                         |                              |                          |                     |
| 28/07/2014           | 85.5430           | 0.0180                        | 6.0800               | 6.0980                   | 8.0090           |                             |                    | 37.9750                     | 48.1120                 |                              |                          |                     |
| 29/07/2014           | 86.0940           | 0.0050                        | 6.0160               | 6.0210                   | 7.6390           |                             |                    | 37.8430                     | 48.0607                 |                              |                          |                     |
| 30/07/2014           | 85.1140           | 0.0070                        | 7.1260               | 7.1330                   | 7.3560           |                             |                    | 37.4460                     | 47.3659                 |                              |                          |                     |
| 31/07/2014           | 84.4210           | 0.0010                        | 7.5690               | 7.5700                   | 7.5920           |                             |                    | 37.4760                     | 47.2528                 |                              |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.4690 | 0.0000 | 6.0160 | 6.0210 | 6.5590 |  |  | 36.6000 | 46.1483 |  |
| Promedio   | 84.4270 | 0.0077 | 8.0003 | 8.0080 | 7.1823 |  |  | 37.0629 | 46.7917 |  |
| Máximo     | 86.0940 | 0.0270 | 8.9510 | 8.9540 | 8.0090 |  |  | 37.9750 | 48.1120 |  |
| Desv. Est. | 0.6729  | 0.0080 | 0.8071 | 0.8062 | 0.4067 |  |  | 0.3887  | 0.5535  |  |

|                |               |
|----------------|---------------|
| Observaciones: | Sin Inyección |
|----------------|---------------|

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Cactus                          |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     |                                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 85.0100           | 0.0050                           | 8.3480               | 8.3530                   | 6.2860           |                                |                                 | 36.6346                                  | 46.3766                              |                                              |                                       |                     |
| 02/07/2014           | 84.4480           | 0.0050                           | 8.3520               | 8.3570                   | 6.7620           |                                |                                 | 36.8157                                  | 46.4942                              |                                              |                                       |                     |
| 03/07/2014           | 84.6860           | 0.0070                           | 8.1490               | 8.1560                   | 6.7450           |                                |                                 | 36.8724                                  | 46.6031                              |                                              |                                       |                     |
| 04/07/2014           | 84.8720           | 0.0000                           | 8.3410               | 8.3410                   | 6.4760           |                                |                                 | 36.6606                                  | 46.4096                              |                                              |                                       |                     |
| 05/07/2014           | 84.3250           | 0.0000                           | 8.4480               | 8.4480                   | 6.7940           |                                |                                 | 36.7880                                  | 46.4593                              |                                              |                                       |                     |
| 06/07/2014           | 84.1580           | 0.0000                           | 8.5660               | 8.5660                   | 6.9360           |                                |                                 | 36.7302                                  | 46.3493                              |                                              |                                       |                     |
| 07/07/2014           | 84.2310           | 0.0010                           | 8.0230               | 8.0240                   | 7.4020           |                                |                                 | 37.0749                                  | 46.7843                              |                                              |                                       |                     |
| 08/07/2014           | 83.4170           | 0.0040                           | 8.3740               | 8.3780                   | 7.8550           |                                |                                 | 37.0805                                  | 46.6431                              |                                              |                                       |                     |
| 09/07/2014           | 84.0380           | 0.0040                           | 8.4940               | 8.4980                   | 7.1420           |                                |                                 | 36.8052                                  | 46.4439                              |                                              |                                       |                     |
| 10/07/2014           | 84.8860           | 0.0080                           | 8.3070               | 8.3150                   | 6.4870           |                                |                                 | 36.6799                                  | 46.4340                              |                                              |                                       |                     |
| 11/07/2014           | 85.0410           | 0.0110                           | 8.2860               | 8.2970                   | 6.2520           |                                |                                 | 36.6751                                  | 46.4279                              |                                              |                                       |                     |
| 12/07/2014           | 85.0790           | 0.0200                           | 7.9480               | 7.9680                   | 6.6550           |                                |                                 | 36.8530                                  | 46.6531                              |                                              |                                       |                     |
| 13/07/2014           | 85.1080           | 0.0120                           | 8.0570               | 8.0690                   | 6.5310           |                                |                                 | 36.7718                                  | 46.5876                              |                                              |                                       |                     |
| 14/07/2014           | 85.4330           | 0.0300                           | 8.0030               | 8.0330                   | 6.2640           |                                |                                 | 36.6917                                  | 46.5235                              |                                              |                                       |                     |
| 15/07/2014           | 85.5120           | 0.0310                           | 7.9640               | 7.9950                   | 6.1900           |                                |                                 | 36.7105                                  | 46.5848                              |                                              |                                       |                     |
| 16/07/2014           | 85.6530           | 0.0140                           | 7.8920               | 7.9060                   | 6.1680           |                                |                                 | 36.7223                                  | 46.5998                              |                                              |                                       |                     |
| 17/07/2014           | 85.7970           | 0.0160                           | 7.8040               | 7.8200                   | 6.0930           |                                |                                 | 36.7389                                  | 46.6584                              |                                              |                                       |                     |
| 18/07/2014           | 85.0380           | 0.0100                           | 8.3390               | 8.3490                   | 6.3120           |                                |                                 | 36.6144                                  | 46.3882                              |                                              |                                       |                     |
| 19/07/2014           | 85.3870           | 0.0130                           | 8.0090               | 8.0220                   | 6.2960           |                                |                                 | 36.7258                                  | 46.5668                              |                                              |                                       |                     |
| 20/07/2014           | 85.8010           | 0.0110                           | 8.1010               | 8.1120                   | 5.8010           |                                |                                 | 36.5459                                  | 46.4133                              |                                              |                                       |                     |
| 21/07/2014           | 85.0620           | 0.0110                           | 7.8380               | 7.8490                   | 6.5270           |                                |                                 | 37.0228                                  | 46.8305                              |                                              |                                       |                     |
| 22/07/2014           | 84.4750           | 0.0110                           | 7.5830               | 7.5940                   | 7.2310           |                                |                                 | 37.4157                                  | 47.1768                              |                                              |                                       |                     |
| 23/07/2014           | 85.4530           | 0.0280                           | 7.6870               | 7.7150                   | 6.4690           |                                |                                 | 36.9318                                  | 46.8280                              |                                              |                                       |                     |
| 24/07/2014           | 85.7050           | 0.0160                           | 7.7170               | 7.7330                   | 6.2610           |                                |                                 | 36.8268                                  | 46.7324                              |                                              |                                       |                     |
| 25/07/2014           | 85.9140           | 0.0160                           | 7.5100               | 7.5260                   | 6.2520           |                                |                                 | 36.9081                                  | 46.8734                              |                                              |                                       |                     |
| 26/07/2014           | 85.1220           | 0.0240                           | 7.9580               | 7.9820                   | 6.3730           |                                |                                 | 36.9207                                  | 46.7014                              |                                              |                                       |                     |
| 27/07/2014           | 85.0530           | 0.0070                           | 7.4740               | 7.4810                   | 6.7750           |                                |                                 | 37.3631                                  | 47.1855                              |                                              |                                       |                     |
| 28/07/2014           | 85.3110           | 0.0130                           | 7.5070               | 7.5200                   | 6.7900           |                                |                                 | 37.1148                                  | 47.0222                              |                                              |                                       |                     |
| 29/07/2014           | 85.4150           | 0.0100                           | 7.2420               | 7.2520                   | 6.9340           |                                |                                 | 37.2671                                  | 47.2152                              |                                              |                                       |                     |
| 30/07/2014           | 85.5820           | 0.0080                           | 7.3610               | 7.3690                   | 6.6430           |                                |                                 | 37.1375                                  | 47.0888                              |                                              |                                       |                     |
| 31/07/2014           | 85.5960           | 0.0010                           | 7.4230               | 7.4240                   | 6.5680           |                                |                                 | 37.1011                                  | 47.0426                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.4170 | 0.0000 | 7.2420 | 7.2520 | 5.8010 |  |  | 36.5459 | 46.3493 |  |
| Promedio   | 85.0519 | 0.0112 | 7.9711 | 7.9823 | 6.5894 |  |  | 36.8774 | 46.6806 |  |
| Máximo     | 85.9140 | 0.0310 | 8.5660 | 8.5660 | 7.8550 |  |  | 37.4157 | 47.2152 |  |
| Desv. Est. | 0.5960  | 0.0085 | 0.3687 | 0.3661 | 0.4239 |  |  | 0.2240  | 0.2623  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Nvo. Pemex                      |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 86.4070           | 0.0030                           | 6.1524               | 6.1554                   | 7.0410           |                                |                                 | 37.6985                                  | 47.9257                              |                                              |                                       |                     |
| 02/07/2014           | 86.9330           | 0.0021                           | 5.9180               | 5.9202                   | 6.7560           |                                |                                 | 37.7067                                  | 48.0277                              |                                              |                                       |                     |
| 03/07/2014           | 87.0721           | 0.0046                           | 5.8484               | 5.8530                   | 6.7680           |                                |                                 | 37.6888                                  | 48.0441                              |                                              |                                       |                     |
| 04/07/2014           | 86.9980           | 0.0052                           | 5.2396               | 5.2448                   | 7.4300           |                                |                                 | 38.1224                                  | 48.5594                              |                                              |                                       |                     |
| 05/07/2014           | 85.2435           | 0.0039                           | 6.7976               | 6.8015                   | 7.5540           |                                |                                 | 37.6105                                  | 47.6116                              |                                              |                                       |                     |
| 06/07/2014           | 85.5508           | 0.0035                           | 6.4997               | 6.5032                   | 7.3480           |                                |                                 | 37.7880                                  | 47.8395                              |                                              |                                       |                     |
| 07/07/2014           | 86.2998           | 0.0039                           | 5.8240               | 5.8278                   | 7.2220           |                                |                                 | 38.0382                                  | 48.2661                              |                                              |                                       |                     |
| 08/07/2014           | 86.9385           | 0.0047                           | 5.2738               | 5.2785                   | 7.1250           |                                |                                 | 38.2285                                  | 48.6076                              |                                              |                                       |                     |
| 09/07/2014           | 86.2403           | 0.0034                           | 4.6018               | 4.6052                   | 8.2880           |                                |                                 | 38.9292                                  | 49.3051                              |                                              |                                       |                     |
| 10/07/2014           | 85.2798           | 0.0021                           | 6.2871               | 6.2892                   | 7.8020           |                                |                                 | 38.0061                                  | 48.0607                              |                                              |                                       |                     |
| 11/07/2014           | 83.8085           | 0.0034                           | 6.6286               | 6.6320                   | 8.7200           |                                |                                 | 38.2630                                  | 48.0760                              |                                              |                                       |                     |
| 12/07/2014           | 85.8668           | 0.0026                           | 5.0828               | 5.0854                   | 8.2770           |                                |                                 | 38.6850                                  | 48.9619                              |                                              |                                       |                     |
| 13/07/2014           | 85.4564           | 0.0017                           | 5.3267               | 5.3284                   | 8.4520           |                                |                                 | 38.6421                                  | 48.8360                              |                                              |                                       |                     |
| 14/07/2014           | 85.1038           | 0.0022                           | 5.3337               | 5.3359                   | 8.9280           |                                |                                 | 38.6958                                  | 48.8644                              |                                              |                                       |                     |
| 15/07/2014           | 85.0733           | 0.0050                           | 6.0671               | 6.0720                   | 8.3350           |                                |                                 | 38.1807                                  | 48.2510                              |                                              |                                       |                     |
| 16/07/2014           | 86.6395           | 0.0139                           | 6.1081               | 6.1220                   | 6.5250           |                                |                                 | 37.7783                                  | 47.9841                              |                                              |                                       |                     |
| 17/07/2014           | 84.9470           | 0.0298                           | 6.7799               | 6.8097                   | 7.5810           |                                |                                 | 37.7716                                  | 47.7023                              |                                              |                                       |                     |
| 18/07/2014           | 84.6240           | 0.0052                           | 7.6055               | 7.6107                   | 7.1510           |                                |                                 | 37.3010                                  | 47.0926                              |                                              |                                       |                     |
| 19/07/2014           | 85.2170           | 0.0069                           | 7.2624               | 7.2693                   | 7.0690           |                                |                                 | 37.3153                                  | 47.2384                              |                                              |                                       |                     |
| 20/07/2014           | 84.9590           | 0.0034                           | 7.2068               | 7.2102                   | 7.4810           |                                |                                 | 37.4050                                  | 47.3178                              |                                              |                                       |                     |
| 21/07/2014           | 84.9647           | 0.0038                           | 6.6733               | 6.6771                   | 7.9150           |                                |                                 | 37.7893                                  | 47.7683                              |                                              |                                       |                     |
| 22/07/2014           | 85.8066           | 0.0045                           | 6.4329               | 6.4374                   | 7.2790           |                                |                                 | 37.7472                                  | 47.8392                              |                                              |                                       |                     |
| 23/07/2014           | 86.4348           | 0.0181                           | 5.9008               | 5.9189                   | 7.2590           |                                |                                 | 37.8600                                  | 48.1181                              |                                              |                                       |                     |
| 24/07/2014           | 85.8507           | 0.0157                           | 5.7187               | 5.7344                   | 7.7600           |                                |                                 | 38.2338                                  | 48.4187                              |                                              |                                       |                     |
| 25/07/2014           | 85.9855           | 0.0145                           | 6.0222               | 6.0367                   | 7.6270           |                                |                                 | 37.8920                                  | 48.0899                              |                                              |                                       |                     |
| 26/07/2014           | 86.1376           | 0.0135                           | 5.9336               | 5.9470                   | 7.5620           |                                |                                 | 37.8989                                  | 48.1316                              |                                              |                                       |                     |
| 27/07/2014           | 85.7942           | 0.0138                           | 5.5071               | 5.5210                   | 8.3170           |                                |                                 | 38.2764                                  | 48.5351                              |                                              |                                       |                     |
| 28/07/2014           | 86.2153           | 0.0201                           | 5.8698               | 5.8899                   | 7.6020           |                                |                                 | 37.8970                                  | 48.1523                              |                                              |                                       |                     |
| 29/07/2014           | 86.4856           | 0.0053                           | 5.7089               | 5.7141                   | 7.5520           |                                |                                 | 37.9263                                  | 48.2462                              |                                              |                                       |                     |
| 30/07/2014           | 86.0592           | 0.0027                           | 6.1416               | 6.1443                   | 7.4980           |                                |                                 | 37.7813                                  | 47.9813                              |                                              |                                       |                     |
| 31/07/2014           | 85.9068           | 0.0023                           | 6.4517               | 6.4540                   | 7.3490           |                                |                                 | 37.6180                                  | 47.7552                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.8085 | 0.0017 | 4.6018 | 4.6052 | 6.5250 |  |  | 37.3010 | 47.0926 |  |
| Promedio   | 85.8161 | 0.0072 | 6.0711 | 6.0784 | 7.5991 |  |  | 37.9605 | 48.1164 |  |
| Máximo     | 87.0721 | 0.0298 | 7.6055 | 7.6107 | 8.9280 |  |  | 38.9292 | 49.3051 |  |
| Desv. Est. | 0.7750  | 0.0068 | 0.6744 | 0.6748 | 0.5781 |  |  | 0.3969  | 0.4949  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | La Venta                        |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 91.5996           | 0.1616                           | 3.7396               | 3.9012                   | 4.0680           |                                |                                 | 37.6710                                  | 48.8176                              |                                              |                                       |                     |
| 02/07/2014           | 91.8348           | 0.1625                           | 3.7750               | 3.9375                   | 3.8610           |                                |                                 | 37.5508                                  | 48.7305                              |                                              |                                       |                     |
| 03/07/2014           | 91.9310           | 0.1594                           | 3.9315               | 4.0909                   | 3.7040           |                                |                                 | 37.3796                                  | 48.5632                              |                                              |                                       |                     |
| 04/07/2014           | 91.7774           | 0.1527                           | 3.9765               | 4.1292                   | 3.7940           |                                |                                 | 37.4072                                  | 48.5642                              |                                              |                                       |                     |
| 05/07/2014           | 91.6825           | 0.1498                           | 3.9652               | 4.1150                   | 3.8770           |                                |                                 | 37.4582                                  | 48.6017                              |                                              |                                       |                     |
| 06/07/2014           | 91.9977           | 0.1610                           | 3.6368               | 3.7978                   | 3.8930           |                                |                                 | 37.5728                                  | 48.8050                              |                                              |                                       |                     |
| 07/07/2014           | 91.7041           | 0.1661                           | 3.7463               | 3.9124                   | 4.0430           |                                |                                 | 37.5851                                  | 48.7611                              |                                              |                                       |                     |
| 08/07/2014           | 91.7576           | 0.1724                           | 3.9244               | 4.0968                   | 3.8070           |                                |                                 | 37.4570                                  | 48.6032                              |                                              |                                       |                     |
| 09/07/2014           | 92.0669           | 0.1706                           | 3.6998               | 3.8704                   | 3.6910           |                                |                                 | 37.5456                                  | 48.7549                              |                                              |                                       |                     |
| 10/07/2014           | 91.9558           | 0.1725                           | 3.8665               | 4.0390                   | 3.6690           |                                |                                 | 37.4454                                  | 48.6214                              |                                              |                                       |                     |
| 11/07/2014           | 91.9056           | 0.1600                           | 3.9056               | 4.0656                   | 3.6710           |                                |                                 | 37.4196                                  | 48.5722                              |                                              |                                       |                     |
| 12/07/2014           | 91.8234           | 0.1448                           | 3.9524               | 4.0973                   | 3.7290           |                                |                                 | 37.4457                                  | 48.6025                              |                                              |                                       |                     |
| 13/07/2014           | 91.7101           | 0.1553                           | 3.7820               | 3.9373                   | 3.8900           |                                |                                 | 37.6273                                  | 48.7774                              |                                              |                                       |                     |
| 14/07/2014           | 91.5303           | 0.1489                           | 3.9478               | 4.0967                   | 3.9180           |                                |                                 | 37.5707                                  | 48.6764                              |                                              |                                       |                     |
| 15/07/2014           | 91.5095           | 0.1321                           | 4.2709               | 4.4030                   | 3.7100           |                                |                                 | 37.3484                                  | 48.4150                              |                                              |                                       |                     |
| 16/07/2014           | 91.2825           | 0.1586                           | 3.6117               | 3.7703                   | 4.4940           |                                |                                 | 37.8535                                  | 48.9835                              |                                              |                                       |                     |
| 17/07/2014           | 91.0762           | 0.1580                           | 3.8771               | 4.0352                   | 4.4300           |                                |                                 | 37.7329                                  | 48.7971                              |                                              |                                       |                     |
| 18/07/2014           | 91.6275           | 0.1390                           | 3.8330               | 3.9720                   | 3.9810           |                                |                                 | 37.6110                                  | 48.7561                              |                                              |                                       |                     |
| 19/07/2014           | 91.8030           | 0.1377                           | 4.0572               | 4.1949                   | 3.6640           |                                |                                 | 37.3899                                  | 48.5284                              |                                              |                                       |                     |
| 20/07/2014           | 91.8838           | 0.1452                           | 3.9558               | 4.1010                   | 3.7050           |                                |                                 | 37.4131                                  | 48.5814                              |                                              |                                       |                     |
| 21/07/2014           | 91.5107           | 0.1341                           | 4.1107               | 4.2448                   | 3.7520           |                                |                                 | 37.4999                                  | 48.5727                              |                                              |                                       |                     |
| 22/07/2014           | 91.5617           | 0.1454                           | 3.9211               | 4.0665                   | 3.9960           |                                |                                 | 37.5525                                  | 48.6794                              |                                              |                                       |                     |
| 23/07/2014           | 89.6629           | 0.1624                           | 3.7531               | 3.9155                   | 5.4940           |                                |                                 | 38.3871                                  | 49.2294                              |                                              |                                       |                     |
| 24/07/2014           | 91.7708           | 0.1572                           | 3.6897               | 3.8468                   | 4.0030           |                                |                                 | 37.6382                                  | 48.8232                              |                                              |                                       |                     |
| 25/07/2014           | 92.0096           | 0.1585                           | 3.5706               | 3.7291                   | 3.9200           |                                |                                 | 37.6310                                  | 48.8699                              |                                              |                                       |                     |
| 26/07/2014           | 91.6987           | 0.1523                           | 3.8957               | 4.0480                   | 3.9030           |                                |                                 | 37.5149                                  | 48.6634                              |                                              |                                       |                     |
| 27/07/2014           | 91.4800           | 0.1503                           | 3.9571               | 4.1074                   | 4.0500           |                                |                                 | 37.5343                                  | 48.6501                              |                                              |                                       |                     |
| 28/07/2014           | 91.6892           | 0.1465                           | 3.7055               | 3.8520                   | 4.0990           |                                |                                 | 37.6415                                  | 48.8251                              |                                              |                                       |                     |
| 29/07/2014           | 91.6697           | 0.1399                           | 3.7862               | 3.9261                   | 4.0500           |                                |                                 | 37.5983                                  | 48.7689                              |                                              |                                       |                     |
| 30/07/2014           | 91.7891           | 0.1480                           | 3.6907               | 3.8388                   | 4.0040           |                                |                                 | 37.6292                                  | 48.8234                              |                                              |                                       |                     |
| 31/07/2014           | 91.5170           | 0.1508                           | 3.8001               | 3.9509                   | 4.1540           |                                |                                 | 37.6337                                  | 48.7767                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 89.6629 | 0.1321 | 3.5706 | 3.7291 | 3.6640 |  |  | 37.3484 | 48.4150 |  |
| Promedio   | 91.6393 | 0.1533 | 3.8495 | 4.0029 | 3.9685 |  |  | 37.5724 | 48.7160 |  |
| Máximo     | 92.0669 | 0.1725 | 4.2709 | 4.4030 | 5.4940 |  |  | 38.3871 | 49.2294 |  |
| Desv. Est. | 0.4242  | 0.0107 | 0.1536 | 0.1481 | 0.3491 |  |  | 0.1889  | 0.1553  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Chihuahua                       |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 93.1238           | 0.7803                           | 0.9022               | 1.6824                   | 4.8600           |                                |                    | 38.7489                     | 50.2946                 |                                 |                          |                     |
| 02/07/2014           | 90.6205           | 0.1388                           | 2.4377               | 2.5765                   | 6.1730           |                                |                    | 38.9479                     | 50.1583                 |                                 |                          |                     |
| 03/07/2014           | 90.1739           | 0.1697                           | 2.4379               | 2.6076                   | 6.5240           |                                |                    | 39.0740                     | 50.2101                 |                                 |                          |                     |
| 04/07/2014           | 90.3158           | 0.1848                           | 2.4280               | 2.6128                   | 6.3850           |                                |                    | 39.0283                     | 50.1780                 |                                 |                          |                     |
| 05/07/2014           | 90.4439           | 0.2388                           | 2.3328               | 2.5715                   | 6.2940           |                                |                    | 39.0217                     | 50.1801                 |                                 |                          |                     |
| 06/07/2014           | 90.1872           | 0.2121                           | 2.4135               | 2.6257                   | 6.4300           |                                |                    | 39.0798                     | 50.1955                 |                                 |                          |                     |
| 07/07/2014           | 90.3249           | 0.2190                           | 2.4114               | 2.6304                   | 6.3640           |                                |                    | 39.0141                     | 50.1543                 |                                 |                          |                     |
| 08/07/2014           | 90.3001           | 0.2041                           | 2.4065               | 2.6105                   | 6.3510           |                                |                    | 39.0553                     | 50.1899                 |                                 |                          |                     |
| 09/07/2014           | 90.4180           | 0.1698                           | 2.3538               | 2.5235                   | 6.2790           |                                |                    | 39.0945                     | 50.2583                 |                                 |                          |                     |
| 10/07/2014           | 90.2525           | 0.1738                           | 2.3372               | 2.5110                   | 6.4500           |                                |                    | 39.1468                     | 50.2918                 |                                 |                          |                     |
| 11/07/2014           | 90.0200           | 0.1648                           | 2.3494               | 2.5142                   | 6.6050           |                                |                    | 39.2384                     | 50.3463                 |                                 |                          |                     |
| 12/07/2014           | 90.0393           | 0.2089                           | 2.3094               | 2.5183                   | 6.5580           |                                |                    | 39.2435                     | 50.3371                 |                                 |                          |                     |
| 13/07/2014           | 90.0083           | 0.1987                           | 2.3995               | 2.5981                   | 6.4720           |                                |                    | 39.2062                     | 50.2828                 |                                 |                          |                     |
| 14/07/2014           | 90.4265           | 0.2008                           | 2.3509               | 2.5517                   | 6.1860           |                                |                    | 39.0896                     | 50.2360                 |                                 |                          |                     |
| 15/07/2014           | 90.4113           | 0.1749                           | 2.3855               | 2.5604                   | 6.1940           |                                |                    | 39.0894                     | 50.2378                 |                                 |                          |                     |
| 16/07/2014           | 90.1718           | 0.1867                           | 2.4203               | 2.6070                   | 6.3360           |                                |                    | 39.1431                     | 50.2456                 |                                 |                          |                     |
| 17/07/2014           | 90.3108           | 0.1874                           | 2.4068               | 2.5941                   | 6.2620           |                                |                    | 39.0945                     | 50.2232                 |                                 |                          |                     |
| 18/07/2014           | 90.8173           | 0.1625                           | 2.4576               | 2.6201                   | 5.7900           |                                |                    | 38.9225                     | 50.1182                 |                                 |                          |                     |
| 19/07/2014           | 90.3036           | 0.1888                           | 2.5353               | 2.7240                   | 6.0840           |                                |                    | 39.0515                     | 50.1405                 |                                 |                          |                     |
| 20/07/2014           | 90.0606           | 0.2098                           | 2.4633               | 2.6730                   | 6.4130           |                                |                    | 39.1270                     | 50.2019                 |                                 |                          |                     |
| 21/07/2014           | 90.0388           | 0.2109                           | 2.4656               | 2.6765                   | 6.4060           |                                |                    | 39.1386                     | 50.2068                 |                                 |                          |                     |
| 22/07/2014           | 90.1373           | 0.1819                           | 2.5378               | 2.7197                   | 6.2460           |                                |                    | 39.0983                     | 50.1711                 |                                 |                          |                     |
| 23/07/2014           | 90.1918           | 0.1943                           | 2.4680               | 2.6624                   | 6.2730           |                                |                    | 39.1023                     | 50.1959                 |                                 |                          |                     |
| 24/07/2014           | 90.3673           | 0.1851                           | 2.4463               | 2.6313                   | 6.1520           |                                |                    | 39.0695                     | 50.1927                 |                                 |                          |                     |
| 25/07/2014           | 90.3865           | 0.2008                           | 2.3983               | 2.5990                   | 6.1550           |                                |                    | 39.0881                     | 50.2141                 |                                 |                          |                     |
| 26/07/2014           | 90.5388           | 0.2178                           | 2.4415               | 2.6593                   | 5.9880           |                                |                    | 38.9908                     | 50.1276                 |                                 |                          |                     |
| 27/07/2014           | 90.6327           | 0.2311                           | 2.3249               | 2.5560                   | 5.9690           |                                |                    | 39.0468                     | 50.2020                 |                                 |                          |                     |
| 28/07/2014           | 90.5839           | 0.2104                           | 2.3724               | 2.5828                   | 5.9940           |                                |                    | 39.0446                     | 50.1939                 |                                 |                          |                     |
| 29/07/2014           | 90.4278           | 0.1881                           | 2.4311               | 2.6192                   | 6.1340           |                                |                    | 39.0540                     | 50.1885                 |                                 |                          |                     |
| 30/07/2014           | 90.6640           | 0.1960                           | 2.3962               | 2.5922                   | 5.9160           |                                |                    | 39.0114                     | 50.1738                 |                                 |                          |                     |
| 31/07/2014           | 89.4172           | 0.2303                           | 2.3969               | 2.6272                   | 6.8720           |                                |                    | 39.4439                     | 50.3985                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 89.4172 | 0.1388 | 0.9022 | 1.6824 | 4.8600 |  |  | 38.7489 | 50.1182 |  |
| Promedio   | 90.3908 | 0.2136 | 2.3619 | 2.5754 | 6.2295 |  |  | 39.0808 | 50.2176 |  |
| Máximo     | 93.1238 | 0.7803 | 2.5378 | 2.7240 | 6.8720 |  |  | 39.4439 | 50.3985 |  |
| Desv. Est. | 0.5711  | 0.1075 | 0.2764 | 0.1743 | 0.3384 |  |  | 0.1148  | 0.0647  |  |

Observaciones:



# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Guadalajara                     |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 89.6591           | 0.0000                           | 0.4355               | 0.4355                   | 9.7740           |                                |                                 | 40.4783                                  | 52.0161                              |                                              |                                       |                     |
| 02/07/2014           | 89.6549           | 0.0000                           | 0.4171               | 0.4171                   | 9.7960           |                                |                                 | 40.4918                                  | 52.0319                              |                                              |                                       |                     |
| 03/07/2014           | 89.6510           | 0.0000                           | 0.4078               | 0.4078                   | 9.8100           |                                |                                 | 40.4990                                  | 52.0401                              |                                              |                                       |                     |
| 04/07/2014           | 89.6487           | 0.0000                           | 0.4003               | 0.4003                   | 9.8180           |                                |                                 | 40.5050                                  | 52.0467                              |                                              |                                       |                     |
| 05/07/2014           | 89.6446           | 0.0000                           | 0.3908               | 0.3908                   | 9.8330           |                                |                                 | 40.5122                                  | 52.0550                              |                                              |                                       |                     |
| 06/07/2014           | 89.6447           | 0.0000                           | 0.3878               | 0.3878                   | 9.8360           |                                |                                 | 40.5143                                  | 52.0576                              |                                              |                                       |                     |
| 07/07/2014           | 89.6480           | 0.0000                           | 0.3813               | 0.3813                   | 9.8390           |                                |                                 | 40.5177                                  | 52.0625                              |                                              |                                       |                     |
| 08/07/2014           | 89.6448           | 0.0000                           | 0.3780               | 0.3780                   | 9.8460           |                                |                                 | 40.5208                                  | 52.0657                              |                                              |                                       |                     |
| 09/07/2014           | 89.7195           | 0.0000                           | 0.4381               | 0.4381                   | 9.7140           |                                |                                 | 40.4581                                  | 52.0038                              |                                              |                                       |                     |
| 10/07/2014           | 89.7006           | 0.0000                           | 0.4103               | 0.4103                   | 9.7590           |                                |                                 | 40.4822                                  | 52.0303                              |                                              |                                       |                     |
| 11/07/2014           | 89.7164           | 0.0000                           | 0.4292               | 0.4292                   | 9.7250           |                                |                                 | 40.4650                                  | 52.0116                              |                                              |                                       |                     |
| 12/07/2014           | 89.7336           | 0.0000                           | 0.4851               | 0.4851                   | 9.6520           |                                |                                 | 40.4230                                  | 51.9629                              |                                              |                                       |                     |
| 13/07/2014           | 89.8318           | 0.0000                           | 0.4743               | 0.4743                   | 9.5690           |                                |                                 | 40.4005                                  | 51.9554                              |                                              |                                       |                     |
| 14/07/2014           | 89.7953           | 0.0000                           | 0.5584               | 0.5584                   | 9.5230           |                                |                                 | 40.3546                                  | 51.8919                              |                                              |                                       |                     |
| 15/07/2014           | 89.8144           | 0.0000                           | 0.5331               | 0.5331                   | 9.5290           |                                |                                 | 40.3658                                  | 51.9095                              |                                              |                                       |                     |
| 16/07/2014           | 89.7475           | 0.0000                           | 0.4379               | 0.4379                   | 9.6890           |                                |                                 | 40.4494                                  | 51.9986                              |                                              |                                       |                     |
| 17/07/2014           | 89.7798           | 0.0000                           | 0.4668               | 0.4668                   | 9.6290           |                                |                                 | 40.4204                                  | 51.9698                              |                                              |                                       |                     |
| 18/07/2014           | 89.7729           | 0.0000                           | 0.4398               | 0.4398                   | 9.6620           |                                |                                 | 40.4403                                  | 51.9932                              |                                              |                                       |                     |
| 19/07/2014           | 89.7470           | 0.0000                           | 0.5138               | 0.5138                   | 9.6250           |                                |                                 | 40.3953                                  | 51.9346                              |                                              |                                       |                     |
| 20/07/2014           | 89.7387           | 0.0000                           | 0.5018               | 0.5018                   | 9.6470           |                                |                                 | 40.4050                                  | 51.9455                              |                                              |                                       |                     |
| 21/07/2014           | 89.7488           | 0.0000                           | 0.4980               | 0.4980                   | 9.6410           |                                |                                 | 40.4045                                  | 51.9470                              |                                              |                                       |                     |
| 22/07/2014           | 89.7626           | 0.0000                           | 0.4923               | 0.4923                   | 9.6330           |                                |                                 | 40.4042                                  | 51.9494                              |                                              |                                       |                     |
| 23/07/2014           | 89.7607           | 0.0000                           | 0.4702               | 0.4702                   | 9.6570           |                                |                                 | 40.4196                                  | 51.9680                              |                                              |                                       |                     |
| 24/07/2014           | 89.7527           | 0.0000                           | 0.4439               | 0.4439                   | 9.6910           |                                |                                 | 40.4392                                  | 51.9907                              |                                              |                                       |                     |
| 25/07/2014           | 89.7523           | 0.0000                           | 0.4333               | 0.4333                   | 9.7020           |                                |                                 | 40.4465                                  | 51.9997                              |                                              |                                       |                     |
| 26/07/2014           | 89.7469           | 0.0000                           | 0.4145               | 0.4145                   | 9.7260           |                                |                                 | 40.4606                                  | 52.0160                              |                                              |                                       |                     |
| 27/07/2014           | 89.7313           | 0.0000                           | 0.3895               | 0.3895                   | 9.7660           |                                |                                 | 40.4820                                  | 52.0392                              |                                              |                                       |                     |
| 28/07/2014           | 89.6910           | 0.0000                           | 0.4640               | 0.4640                   | 9.7370           |                                |                                 | 40.4424                                  | 51.9834                              |                                              |                                       |                     |
| 29/07/2014           | 89.6517           | 0.0000                           | 0.5490               | 0.5490                   | 9.6980           |                                |                                 | 40.3949                                  | 51.9184                              |                                              |                                       |                     |
| 30/07/2014           | 89.6617           | 0.0000                           | 0.5230               | 0.5230                   | 9.7140           |                                |                                 | 40.4095                                  | 51.9384                              |                                              |                                       |                     |
| 31/07/2014           | 89.6606           | 0.0000                           | 0.4913               | 0.4913                   | 9.7460           |                                |                                 | 40.4310                                  | 51.9648                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 89.6446 | 0.0000 | 0.3780 | 0.3780 | 9.5230 |  |  | 40.3546 | 51.8919 |  |
| Promedio   | 89.7166 | 0.0000 | 0.4534 | 0.4534 | 9.7092 |  |  | 40.4462 | 51.9902 |  |
| Máximo     | 89.8318 | 0.0000 | 0.5584 | 0.5584 | 9.8460 |  |  | 40.5208 | 52.0657 |  |
| Desv. Est. | 0.0563  | 0.0000 | 0.0514 | 0.0514 | 0.0881 |  |  | 0.0459  | 0.0481  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Madero I                        |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 93.7343           | 0.9385                           | 0.2780               | 1.2164                   | 4.5400           |                                |                                 | 38.9700                                  | 50.5911                              |                                              |                                       |                     |
| 02/07/2014           | 93.7247           | 0.9440                           | 0.2740               | 1.2180                   | 4.5480           |                                |                                 | 38.9699                                  | 50.5890                              |                                              |                                       |                     |
| 03/07/2014           | 93.7575           | 0.9310                           | 0.2730               | 1.2040                   | 4.5220           |                                |                                 | 38.9712                                  | 50.5993                              |                                              |                                       |                     |
| 04/07/2014           | 93.7567           | 0.9308                           | 0.2663               | 1.1972                   | 4.5460           |                                |                                 | 38.9696                                  | 50.6015                              |                                              |                                       |                     |
| 05/07/2014           | 93.7562           | 0.9363                           | 0.2664               | 1.2027                   | 4.5610           |                                |                                 | 38.9588                                  | 50.5917                              |                                              |                                       |                     |
| 06/07/2014           | 93.7592           | 0.9456                           | 0.2705               | 1.2161                   | 4.5390           |                                |                                 | 38.9520                                  | 50.5794                              |                                              |                                       |                     |
| 07/07/2014           | 93.6741           | 0.9593                           | 0.2784               | 1.2377                   | 4.5770           |                                |                                 | 38.9700                                  | 50.5766                              |                                              |                                       |                     |
| 08/07/2014           | 93.6694           | 0.9780                           | 0.2767               | 1.2547                   | 4.5690           |                                |                                 | 38.9612                                  | 50.5595                              |                                              |                                       |                     |
| 09/07/2014           | 93.5481           | 0.9442                           | 0.2698               | 1.2140                   | 4.7010           |                                |                                 | 39.0374                                  | 50.6291                              |                                              |                                       |                     |
| 10/07/2014           | 93.6490           | 0.9338                           | 0.2658               | 1.1997                   | 4.6270           |                                |                                 | 39.0097                                  | 50.6223                              |                                              |                                       |                     |
| 11/07/2014           | 93.5597           | 0.9197                           | 0.2695               | 1.1892                   | 4.7120           |                                |                                 | 39.0437                                  | 50.6498                              |                                              |                                       |                     |
| 12/07/2014           | 93.7143           | 0.9261                           | 0.2687               | 1.1948                   | 4.5960           |                                |                                 | 38.9820                                  | 50.6108                              |                                              |                                       |                     |
| 13/07/2014           | 93.8526           | 0.9229                           | 0.2690               | 1.1919                   | 4.4740           |                                |                                 | 38.9394                                  | 50.5886                              |                                              |                                       |                     |
| 14/07/2014           | 93.6182           | 0.9663                           | 0.2920               | 1.2583                   | 4.5980           |                                |                                 | 39.0085                                  | 50.5873                              |                                              |                                       |                     |
| 15/07/2014           | 93.7008           | 0.9653                           | 0.2781               | 1.2433                   | 4.5480           |                                |                                 | 38.9590                                  | 50.5664                              |                                              |                                       |                     |
| 16/07/2014           | 93.7820           | 0.9521                           | 0.2750               | 1.2272                   | 4.4950           |                                |                                 | 38.9435                                  | 50.5679                              |                                              |                                       |                     |
| 17/07/2014           | 93.6673           | 0.9391                           | 0.2716               | 1.2107                   | 4.6270           |                                |                                 | 38.9878                                  | 50.6038                              |                                              |                                       |                     |
| 18/07/2014           | 93.4923           | 0.9421                           | 0.2705               | 1.2127                   | 4.7940           |                                |                                 | 39.0378                                  | 50.6307                              |                                              |                                       |                     |
| 19/07/2014           | 93.5309           | 0.9371                           | 0.2740               | 1.2111                   | 4.7200           |                                |                                 | 39.0428                                  | 50.6351                              |                                              |                                       |                     |
| 20/07/2014           | 93.5634           | 0.9072                           | 0.2711               | 1.1783                   | 4.7410           |                                |                                 | 39.0481                                  | 50.6602                              |                                              |                                       |                     |
| 21/07/2014           | 93.5641           | 0.9506                           | 0.2728               | 1.2234                   | 4.6980           |                                |                                 | 39.0161                                  | 50.6115                              |                                              |                                       |                     |
| 22/07/2014           | 93.4728           | 0.9538                           | 0.2728               | 1.2266                   | 4.7870           |                                |                                 | 39.0379                                  | 50.6216                              |                                              |                                       |                     |
| 23/07/2014           | 93.5111           | 0.9484                           | 0.2747               | 1.2230                   | 4.7660           |                                |                                 | 39.0246                                  | 50.6170                              |                                              |                                       |                     |
| 24/07/2014           | 93.5058           | 0.9259                           | 0.2764               | 1.2023                   | 4.7620           |                                |                                 | 39.0518                                  | 50.6470                              |                                              |                                       |                     |
| 25/07/2014           | 93.5848           | 0.9215                           | 0.2755               | 1.1969                   | 4.6710           |                                |                                 | 39.0562                                  | 50.6528                              |                                              |                                       |                     |
| 26/07/2014           | 93.5156           | 0.9653                           | 0.2831               | 1.2484                   | 4.6610           |                                |                                 | 39.0464                                  | 50.6135                              |                                              |                                       |                     |
| 27/07/2014           | 93.4867           | 0.9544                           | 0.2737               | 1.2281                   | 4.7380           |                                |                                 | 39.0474                                  | 50.6261                              |                                              |                                       |                     |
| 28/07/2014           | 93.5457           | 0.9445                           | 0.2736               | 1.2181                   | 4.7060           |                                |                                 | 39.0327                                  | 50.6246                              |                                              |                                       |                     |
| 29/07/2014           | 93.4753           | 0.9530                           | 0.2786               | 1.2315                   | 4.7680           |                                |                                 | 39.0394                                  | 50.6204                              |                                              |                                       |                     |
| 30/07/2014           | 93.4761           | 0.9488                           | 0.2798               | 1.2285                   | 4.7550           |                                |                                 | 39.0475                                  | 50.6272                              |                                              |                                       |                     |
| 31/07/2014           | 93.5029           | 0.9434                           | 0.2874               | 1.2308                   | 4.7090           |                                |                                 | 39.0437                                  | 50.6253                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 93.4728 | 0.9072 | 0.2658 | 1.1783 | 4.4740 |  |  | 38.9394 | 50.5595 |  |
| Promedio   | 93.6178 | 0.9429 | 0.2744 | 1.2173 | 4.6470 |  |  | 39.0066 | 50.6106 |  |
| Máximo     | 93.8526 | 0.9780 | 0.2920 | 1.2583 | 4.7940 |  |  | 39.0562 | 50.6602 |  |
| Desv. Est. | 0.1126  | 0.0157 | 0.0058 | 0.0195 | 0.0968 |  |  | 0.0392  | 0.0263  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Madero II                       |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 93.0442           | 0.6373                           | 0.2168               | 0.8540                   | 4.8830           |                                |                                 | 39.6556                                  | 51.2109                              |                                              |                                       |                     |
| 02/07/2014           | 92.9637           | 0.6057                           | 0.2052               | 0.8109                   | 4.9310           |                                |                                 | 39.7313                                  | 51.2800                              |                                              |                                       |                     |
| 03/07/2014           | 93.1290           | 0.6262                           | 0.2149               | 0.8411                   | 4.8150           |                                |                                 | 39.6374                                  | 51.2091                              |                                              |                                       |                     |
| 04/07/2014           | 93.4205           | 0.7425                           | 0.2408               | 0.9833                   | 4.6750           |                                |                                 | 39.3600                                  | 50.9622                              |                                              |                                       |                     |
| 05/07/2014           | 93.3585           | 0.7399                           | 0.2364               | 0.9763                   | 4.7380           |                                |                                 | 39.3846                                  | 50.9800                              |                                              |                                       |                     |
| 06/07/2014           | 93.3426           | 0.7410                           | 0.2366               | 0.9776                   | 4.7240           |                                |                                 | 39.3984                                  | 50.9867                              |                                              |                                       |                     |
| 07/07/2014           | 93.2905           | 0.7470                           | 0.2446               | 0.9916                   | 4.7470           |                                |                                 | 39.4090                                  | 50.9849                              |                                              |                                       |                     |
| 08/07/2014           | 93.2880           | 0.7700                           | 0.2462               | 1.0162                   | 4.7410           |                                |                                 | 39.3896                                  | 50.9576                              |                                              |                                       |                     |
| 09/07/2014           | 93.2168           | 0.7728                           | 0.2483               | 1.0210                   | 4.8350           |                                |                                 | 39.4025                                  | 50.9620                              |                                              |                                       |                     |
| 10/07/2014           | 93.3177           | 0.7703                           | 0.2446               | 1.0149                   | 4.7680           |                                |                                 | 39.3654                                  | 50.9445                              |                                              |                                       |                     |
| 11/07/2014           | 93.2722           | 0.7563                           | 0.2486               | 1.0049                   | 4.8170           |                                |                                 | 39.3828                                  | 50.9622                              |                                              |                                       |                     |
| 12/07/2014           | 93.3978           | 0.7620                           | 0.2488               | 1.0108                   | 4.7340           |                                |                                 | 39.3267                                  | 50.9266                              |                                              |                                       |                     |
| 13/07/2014           | 93.5128           | 0.7681                           | 0.2508               | 1.0190                   | 4.6250           |                                |                                 | 39.2837                                  | 50.8972                              |                                              |                                       |                     |
| 14/07/2014           | 93.2831           | 0.7894                           | 0.2755               | 1.0649                   | 4.7560           |                                |                                 | 39.3483                                  | 50.9076                              |                                              |                                       |                     |
| 15/07/2014           | 93.4634           | 0.8103                           | 0.2648               | 1.0752                   | 4.6310           |                                |                                 | 39.2567                                  | 50.8465                              |                                              |                                       |                     |
| 16/07/2014           | 93.3692           | 0.7569                           | 0.2472               | 1.0041                   | 4.6920           |                                |                                 | 39.3676                                  | 50.9536                              |                                              |                                       |                     |
| 17/07/2014           | 93.3377           | 0.7729                           | 0.2520               | 1.0249                   | 4.7540           |                                |                                 | 39.3465                                  | 50.9287                              |                                              |                                       |                     |
| 18/07/2014           | 93.1710           | 0.7712                           | 0.2491               | 1.0203                   | 4.9210           |                                |                                 | 39.3976                                  | 50.9601                              |                                              |                                       |                     |
| 19/07/2014           | 93.2170           | 0.7756                           | 0.2523               | 1.0279                   | 4.8440           |                                |                                 | 39.3900                                  | 50.9512                              |                                              |                                       |                     |
| 20/07/2014           | 93.2892           | 0.7410                           | 0.2507               | 0.9917                   | 4.8280           |                                |                                 | 39.3855                                  | 50.9732                              |                                              |                                       |                     |
| 21/07/2014           | 93.1979           | 0.7820                           | 0.2513               | 1.0333                   | 4.8620           |                                |                                 | 39.3906                                  | 50.9478                              |                                              |                                       |                     |
| 22/07/2014           | 93.1996           | 0.7821                           | 0.2523               | 1.0344                   | 4.8770           |                                |                                 | 39.3798                                  | 50.9411                              |                                              |                                       |                     |
| 23/07/2014           | 93.2304           | 0.7800                           | 0.2552               | 1.0353                   | 4.8530           |                                |                                 | 39.3667                                  | 50.9339                              |                                              |                                       |                     |
| 24/07/2014           | 93.0977           | 0.6977                           | 0.2380               | 0.9358                   | 4.9030           |                                |                                 | 39.5334                                  | 51.0915                              |                                              |                                       |                     |
| 25/07/2014           | 93.1278           | 0.6820                           | 0.2348               | 0.9168                   | 4.8520           |                                |                                 | 39.5512                                  | 51.1136                              |                                              |                                       |                     |
| 26/07/2014           | 93.0958           | 0.7116                           | 0.2344               | 0.9460                   | 4.8320           |                                |                                 | 39.5464                                  | 51.0906                              |                                              |                                       |                     |
| 27/07/2014           | 93.0189           | 0.7042                           | 0.2301               | 0.9343                   | 4.9180           |                                |                                 | 39.5777                                  | 51.1153                              |                                              |                                       |                     |
| 28/07/2014           | 93.0841           | 0.7195                           | 0.2356               | 0.9551                   | 4.8920           |                                |                                 | 39.5274                                  | 51.0743                              |                                              |                                       |                     |
| 29/07/2014           | 92.9838           | 0.6966                           | 0.2316               | 0.9283                   | 4.9470           |                                |                                 | 39.5950                                  | 51.1296                              |                                              |                                       |                     |
| 30/07/2014           | 92.9818           | 0.6960                           | 0.2333               | 0.9293                   | 4.9490           |                                |                                 | 39.5955                                  | 51.1294                              |                                              |                                       |                     |
| 31/07/2014           | 92.9693           | 0.6485                           | 0.2270               | 0.8755                   | 4.9180           |                                |                                 | 39.6664                                  | 51.2046                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 92.9637 | 0.6057 | 0.2052 | 0.8109 | 4.6250 |  |  | 39.2567 | 50.8465 |  |
| Promedio   | 93.2152 | 0.7341 | 0.2419 | 0.9759 | 4.8149 |  |  | 39.4500 | 51.0180 |  |
| Máximo     | 93.5128 | 0.8103 | 0.2755 | 1.0752 | 4.9490 |  |  | 39.7313 | 51.2800 |  |
| Desv. Est. | 0.1526  | 0.0519 | 0.0143 | 0.0654 | 0.0922 |  |  | 0.1242  | 0.1097  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |
|--------------------|---------------------------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |
| PUNTO DE MEDICIÓN: | Iberdrola Altamira              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  |
|                    | PROMEDIO/DÍA                    |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 93.2590           | 0.6530                           | 0.2289               | 0.8819                   | 4.6600           |                                |                    | 39.5781                     | 51.1491                 |                                 |                          |                     |
| 02/07/2014           | 93.1882           | 0.6214                           | 0.2165               | 0.8379                   | 4.6990           |                                |                    | 39.6505                     | 51.2169                 |                                 |                          |                     |
| 03/07/2014           | 93.3671           | 0.6524                           | 0.2289               | 0.8813                   | 4.5810           |                                |                    | 39.5363                     | 51.1260                 |                                 |                          |                     |
| 04/07/2014           | 93.6235           | 0.7672                           | 0.2579               | 1.0251                   | 4.4580           |                                |                    | 39.2749                     | 50.8874                 |                                 |                          |                     |
| 05/07/2014           | 93.5570           | 0.7610                           | 0.2518               | 1.0128                   | 4.5140           |                                |                    | 39.3093                     | 50.9139                 |                                 |                          |                     |
| 06/07/2014           | 93.5376           | 0.7609                           | 0.2525               | 1.0134                   | 4.5070           |                                |                    | 39.3246                     | 50.9221                 |                                 |                          |                     |
| 07/07/2014           | 93.4812           | 0.7745                           | 0.2606               | 1.0350                   | 4.5320           |                                |                    | 39.3294                     | 50.9120                 |                                 |                          |                     |
| 08/07/2014           | 93.4803           | 0.7928                           | 0.2606               | 1.0534                   | 4.5260           |                                |                    | 39.3158                     | 50.8916                 |                                 |                          |                     |
| 09/07/2014           | 93.4293           | 0.7928                           | 0.2618               | 1.0547                   | 4.6040           |                                |                    | 39.3253                     | 50.8963                 |                                 |                          |                     |
| 10/07/2014           | 93.5254           | 0.7909                           | 0.2606               | 1.0515                   | 4.5440           |                                |                    | 39.2868                     | 50.8765                 |                                 |                          |                     |
| 11/07/2014           | 93.4680           | 0.7775                           | 0.2638               | 1.0412                   | 4.5980           |                                |                    | 39.3090                     | 50.8970                 |                                 |                          |                     |
| 12/07/2014           | 93.6185           | 0.7852                           | 0.2658               | 1.0510                   | 4.4900           |                                |                    | 39.2419                     | 50.8530                 |                                 |                          |                     |
| 13/07/2014           | 93.6996           | 0.7903                           | 0.2663               | 1.0567                   | 4.4150           |                                |                    | 39.2109                     | 50.8317                 |                                 |                          |                     |
| 14/07/2014           | 93.5087           | 0.8123                           | 0.2798               | 1.0921                   | 4.5240           |                                |                    | 39.2579                     | 50.8370                 |                                 |                          |                     |
| 15/07/2014           | 93.6502           | 0.8405                           | 0.2815               | 1.1220                   | 4.4260           |                                |                    | 39.1743                     | 50.7698                 |                                 |                          |                     |
| 16/07/2014           | 93.5536           | 0.7704                           | 0.2588               | 1.0292                   | 4.4760           |                                |                    | 39.3116                     | 50.9053                 |                                 |                          |                     |
| 17/07/2014           | 93.5297           | 0.7971                           | 0.2686               | 1.0658                   | 4.5470           |                                |                    | 39.2668                     | 50.8574                 |                                 |                          |                     |
| 18/07/2014           | 93.3757           | 0.7940                           | 0.2638               | 1.0579                   | 4.6880           |                                |                    | 39.3224                     | 50.8932                 |                                 |                          |                     |
| 19/07/2014           | 93.4213           | 0.7941                           | 0.2688               | 1.0629                   | 4.6200           |                                |                    | 39.3150                     | 50.8867                 |                                 |                          |                     |
| 20/07/2014           | 93.4734           | 0.7626                           | 0.2658               | 1.0284                   | 4.6190           |                                |                    | 39.3173                     | 50.9111                 |                                 |                          |                     |
| 21/07/2014           | 93.4238           | 0.8030                           | 0.2669               | 1.0699                   | 4.6180           |                                |                    | 39.3073                     | 50.8773                 |                                 |                          |                     |
| 22/07/2014           | 93.3929           | 0.8065                           | 0.2692               | 1.0757                   | 4.6570           |                                |                    | 39.3038                     | 50.8717                 |                                 |                          |                     |
| 23/07/2014           | 93.4356           | 0.8034                           | 0.2732               | 1.0765                   | 4.6220           |                                |                    | 39.2877                     | 50.8629                 |                                 |                          |                     |
| 24/07/2014           | 93.3009           | 0.7119                           | 0.2515               | 0.9634                   | 4.6760           |                                |                    | 39.4671                     | 51.0362                 |                                 |                          |                     |
| 25/07/2014           | 93.3440           | 0.7033                           | 0.2497               | 0.9529                   | 4.6230           |                                |                    | 39.4685                     | 51.0437                 |                                 |                          |                     |
| 26/07/2014           | 93.2976           | 0.7312                           | 0.2491               | 0.9803                   | 4.6110           |                                |                    | 39.4731                     | 51.0274                 |                                 |                          |                     |
| 27/07/2014           | 93.2260           | 0.7250                           | 0.2454               | 0.9704                   | 4.6950           |                                |                    | 39.4995                     | 51.0481                 |                                 |                          |                     |
| 28/07/2014           | 93.3059           | 0.7395                           | 0.2523               | 0.9918                   | 4.6540           |                                |                    | 39.4444                     | 51.0041                 |                                 |                          |                     |
| 29/07/2014           | 93.1972           | 0.7137                           | 0.2465               | 0.9602                   | 4.7220           |                                |                    | 39.5174                     | 51.0656                 |                                 |                          |                     |
| 30/07/2014           | 93.2013           | 0.7126                           | 0.2485               | 0.9611                   | 4.7120           |                                |                    | 39.5179                     | 51.0655                 |                                 |                          |                     |
| 31/07/2014           | 93.1752           | 0.6623                           | 0.2418               | 0.9041                   | 4.6940           |                                |                    | 39.5939                     | 51.1455                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 93.1752 | 0.6214 | 0.2165 | 0.8379 | 4.4150 |  |  | 39.1743 | 50.7698 |  |
| Promedio   | 93.4209 | 0.7549 | 0.2567 | 1.0116 | 4.5907 |  |  | 39.3722 | 50.9510 |  |
| Máximo     | 93.6996 | 0.8405 | 0.2815 | 1.1220 | 4.7220 |  |  | 39.6505 | 51.2169 |  |
| Desv. Est. | 0.1454  | 0.0540 | 0.0145 | 0.0680 | 0.0872 |  |  | 0.1234  | 0.1111  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |
|--------------------|---------------------------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |
| PUNTO DE MEDICIÓN: | Zacate Colorado                 |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  |
|                    | PROMEDIO/DÍA                    |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 91.5125           | 0.0000                           | 0.6304               | 0.6305                   | 7.7860           |                                |                                 | 39.8015                                  | 51.5519                              |                                              |                                       |                     |
| 02/07/2014           | 91.3998           | 0.0001                           | 0.6338               | 0.6338                   | 7.9180           |                                |                                 | 39.8254                                  | 51.5638                              |                                              |                                       |                     |
| 03/07/2014           | 91.4813           | 0.0001                           | 0.6281               | 0.6282                   | 7.8500           |                                |                                 | 39.8028                                  | 51.5537                              |                                              |                                       |                     |
| 04/07/2014           | 91.4312           | 0.0012                           | 0.6348               | 0.6360                   | 7.8560           |                                |                                 | 39.8230                                  | 51.5612                              |                                              |                                       |                     |
| 05/07/2014           | 91.4534           | 0.0001                           | 0.6297               | 0.6298                   | 7.8760           |                                |                                 | 39.8100                                  | 51.5569                              |                                              |                                       |                     |
| 06/07/2014           | 91.4678           | 0.0009                           | 0.6375               | 0.6385                   | 7.8530           |                                |                                 | 39.8045                                  | 51.5498                              |                                              |                                       |                     |
| 07/07/2014           | 91.3752           | 0.0013                           | 0.6390               | 0.6403                   | 7.9350           |                                |                                 | 39.8359                                  | 51.5663                              |                                              |                                       |                     |
| 08/07/2014           | 91.4325           | 0.0006                           | 0.6368               | 0.6374                   | 7.8600           |                                |                                 | 39.8214                                  | 51.5594                              |                                              |                                       |                     |
| 09/07/2014           | 91.4292           | 0.0005                           | 0.6341               | 0.6345                   | 7.8900           |                                |                                 | 39.8180                                  | 51.5591                              |                                              |                                       |                     |
| 10/07/2014           | 91.4220           | 0.0002                           | 0.6335               | 0.6337                   | 7.8750           |                                |                                 | 39.8245                                  | 51.5631                              |                                              |                                       |                     |
| 11/07/2014           | 91.4071           | 0.0002                           | 0.6415               | 0.6417                   | 7.8250           |                                |                                 | 39.8400                                  | 51.5679                              |                                              |                                       |                     |
| 12/07/2014           | 91.5108           | 0.0000                           | 0.6219               | 0.6219                   | 7.8290           |                                |                                 | 39.7986                                  | 51.5544                              |                                              |                                       |                     |
| 13/07/2014           | 91.5175           | 0.0001                           | 0.6176               | 0.6177                   | 7.8290           |                                |                                 | 39.7990                                  | 51.5566                              |                                              |                                       |                     |
| 14/07/2014           | 91.4675           | 0.0000                           | 0.6177               | 0.6177                   | 7.8900           |                                |                                 | 39.8096                                  | 51.5625                              |                                              |                                       |                     |
| 15/07/2014           | 91.7251           | 0.0002                           | 0.6260               | 0.6262                   | 7.5980           |                                |                                 | 39.7397                                  | 51.5195                              |                                              |                                       |                     |
| 16/07/2014           | 91.5397           | 0.0002                           | 0.6289               | 0.6291                   | 7.7790           |                                |                                 | 39.7896                                  | 51.5459                              |                                              |                                       |                     |
| 17/07/2014           | 91.4991           | 0.0000                           | 0.6420               | 0.6420                   | 7.8110           |                                |                                 | 39.7917                                  | 51.5414                              |                                              |                                       |                     |
| 18/07/2014           | 91.4508           | 0.0002                           | 0.6329               | 0.6331                   | 7.8520           |                                |                                 | 39.8178                                  | 51.5599                              |                                              |                                       |                     |
| 19/07/2014           | 91.4124           | 0.0001                           | 0.6290               | 0.6292                   | 7.8860           |                                |                                 | 39.8324                                  | 51.5697                              |                                              |                                       |                     |
| 20/07/2014           | 91.4380           | 0.0000                           | 0.6377               | 0.6377                   | 7.8770           |                                |                                 | 39.8113                                  | 51.5541                              |                                              |                                       |                     |
| 21/07/2014           | 91.4272           | 0.0000                           | 0.6357               | 0.6358                   | 7.8960           |                                |                                 | 39.8141                                  | 51.5567                              |                                              |                                       |                     |
| 22/07/2014           | 91.4161           | 0.0000                           | 0.6373               | 0.6373                   | 7.9180           |                                |                                 | 39.8125                                  | 51.5550                              |                                              |                                       |                     |
| 23/07/2014           | 91.4276           | 0.0000                           | 0.6433               | 0.6433                   | 7.9020           |                                |                                 | 39.8048                                  | 51.5480                              |                                              |                                       |                     |
| 24/07/2014           | 91.5186           | 0.0003                           | 0.6255               | 0.6258                   | 7.8190           |                                |                                 | 39.7952                                  | 51.5506                              |                                              |                                       |                     |
| 25/07/2014           | 91.5271           | 0.0000                           | 0.6280               | 0.6280                   | 7.8210           |                                |                                 | 39.7858                                  | 51.5445                              |                                              |                                       |                     |
| 26/07/2014           | 91.5093           | 0.0000                           | 0.6297               | 0.6297                   | 7.8350           |                                |                                 | 39.7905                                  | 51.5464                              |                                              |                                       |                     |
| 27/07/2014           | 91.4991           | 0.0000                           | 0.6288               | 0.6288                   | 7.8160           |                                |                                 | 39.8029                                  | 51.5534                              |                                              |                                       |                     |
| 28/07/2014           | 91.4811           | 0.0003                           | 0.6384               | 0.6387                   | 7.8420           |                                |                                 | 39.7973                                  | 51.5460                              |                                              |                                       |                     |
| 29/07/2014           | 91.6589           | 0.0005                           | 0.6366               | 0.6371                   | 7.6650           |                                |                                 | 39.7463                                  | 51.5180                              |                                              |                                       |                     |
| 30/07/2014           | 91.5740           | 0.0001                           | 0.6336               | 0.6337                   | 7.7550           |                                |                                 | 39.7726                                  | 51.5344                              |                                              |                                       |                     |
| 31/07/2014           | 91.6090           | 0.0000                           | 0.6228               | 0.6228                   | 7.7310           |                                |                                 | 39.7694                                  | 51.5376                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 91.3752 | 0.0000 | 0.6176 | 0.6177 | 7.5980 |  |  | 39.7397 | 51.5180 |  |
| Promedio   | 91.4845 | 0.0002 | 0.6320 | 0.6323 | 7.8347 |  |  | 39.8028 | 51.5519 |  |
| Máximo     | 91.7251 | 0.0013 | 0.6433 | 0.6433 | 7.9350 |  |  | 39.8400 | 51.5697 |  |
| Desv. Est. | 0.0775  | 0.0003 | 0.0067 | 0.0068 | 0.0723 |  |  | 0.0231  | 0.0123  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | CPG Poza Rica                   |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 93.4927           | 0.6110                           | 0.2593               | 0.8702                   | 4.4830           |                                |                                 | 39.4854                                  | 51.1112                              |                                              |                                       |                     |
| 02/07/2014           | 93.4700           | 0.5943                           | 0.2485               | 0.8429                   | 4.4910           |                                |                                 | 39.5245                                  | 51.1493                              |                                              |                                       |                     |
| 03/07/2014           | 93.4566           | 0.5886                           | 0.2458               | 0.8343                   | 4.4820           |                                |                                 | 39.5436                                  | 51.1652                              |                                              |                                       |                     |
| 04/07/2014           | 93.6573           | 0.6335                           | 0.2605               | 0.8940                   | 4.3770           |                                |                                 | 39.3953                                  | 51.0448                              |                                              |                                       |                     |
| 05/07/2014           | 93.8485           | 0.7109                           | 0.2832               | 0.9941                   | 4.2940           |                                |                                 | 39.1994                                  | 50.8712                              |                                              |                                       |                     |
| 06/07/2014           | 93.7781           | 0.7119                           | 0.2780               | 0.9899                   | 4.3360           |                                |                                 | 39.2348                                  | 50.8929                              |                                              |                                       |                     |
| 07/07/2014           | 93.7522           | 0.7049                           | 0.2804               | 0.9853                   | 4.3380           |                                |                                 | 39.2559                                  | 50.9082                              |                                              |                                       |                     |
| 08/07/2014           | 93.6864           | 0.7323                           | 0.2875               | 1.0198                   | 4.3670           |                                |                                 | 39.2524                                  | 50.8842                              |                                              |                                       |                     |
| 09/07/2014           | 93.6878           | 0.7360                           | 0.2875               | 1.0235                   | 4.3650           |                                |                                 | 39.2511                                  | 50.8810                              |                                              |                                       |                     |
| 10/07/2014           | 93.6730           | 0.7339                           | 0.2879               | 1.0218                   | 4.4240           |                                |                                 | 39.2422                                  | 50.8773                              |                                              |                                       |                     |
| 11/07/2014           | 93.7563           | 0.7355                           | 0.2865               | 1.0220                   | 4.3640           |                                |                                 | 39.2077                                  | 50.8574                              |                                              |                                       |                     |
| 12/07/2014           | 93.6940           | 0.7224                           | 0.2891               | 1.0115                   | 4.4290           |                                |                                 | 39.2331                                  | 50.8797                              |                                              |                                       |                     |
| 13/07/2014           | 93.8505           | 0.7315                           | 0.2928               | 1.0242                   | 4.3090           |                                |                                 | 39.1641                                  | 50.8330                              |                                              |                                       |                     |
| 14/07/2014           | 93.9145           | 0.7350                           | 0.2925               | 1.0275                   | 4.2490           |                                |                                 | 39.1407                                  | 50.8173                              |                                              |                                       |                     |
| 15/07/2014           | 93.7056           | 0.7642                           | 0.3089               | 1.0730                   | 4.3680           |                                |                                 | 39.1857                                  | 50.8152                              |                                              |                                       |                     |
| 16/07/2014           | 93.8649           | 0.7815                           | 0.3062               | 1.0877                   | 4.2640           |                                |                                 | 39.1068                                  | 50.7600                              |                                              |                                       |                     |
| 17/07/2014           | 93.7639           | 0.7072                           | 0.2817               | 0.9889                   | 4.3120           |                                |                                 | 39.2545                                  | 50.9054                              |                                              |                                       |                     |
| 18/07/2014           | 93.7393           | 0.7396                           | 0.2970               | 1.0366                   | 4.3960           |                                |                                 | 39.1925                                  | 50.8412                              |                                              |                                       |                     |
| 19/07/2014           | 93.6045           | 0.7404                           | 0.2913               | 1.0317                   | 4.5110           |                                |                                 | 39.2440                                  | 50.8725                              |                                              |                                       |                     |
| 20/07/2014           | 93.6523           | 0.7368                           | 0.2928               | 1.0296                   | 4.4470           |                                |                                 | 39.2386                                  | 50.8711                              |                                              |                                       |                     |
| 21/07/2014           | 93.6892           | 0.7108                           | 0.2915               | 1.0024                   | 4.4500           |                                |                                 | 39.2409                                  | 50.8908                              |                                              |                                       |                     |
| 22/07/2014           | 93.6689           | 0.7456                           | 0.2913               | 1.0369                   | 4.4290           |                                |                                 | 39.2263                                  | 50.8588                              |                                              |                                       |                     |
| 23/07/2014           | 93.6320           | 0.7495                           | 0.2952               | 1.0446                   | 4.4830           |                                |                                 | 39.2206                                  | 50.8513                              |                                              |                                       |                     |
| 24/07/2014           | 93.6457           | 0.7323                           | 0.2919               | 1.0242                   | 4.4530           |                                |                                 | 39.2427                                  | 50.8768                              |                                              |                                       |                     |
| 25/07/2014           | 93.5121           | 0.6650                           | 0.2782               | 0.9431                   | 4.4960           |                                |                                 | 39.3955                                  | 51.0153                              |                                              |                                       |                     |
| 26/07/2014           | 93.5827           | 0.6540                           | 0.2733               | 0.9273                   | 4.4290           |                                |                                 | 39.3883                                  | 51.0208                              |                                              |                                       |                     |
| 27/07/2014           | 93.5055           | 0.6808                           | 0.2755               | 0.9563                   | 4.4420           |                                |                                 | 39.4035                                  | 51.0099                              |                                              |                                       |                     |
| 28/07/2014           | 93.4453           | 0.6730                           | 0.2690               | 0.9420                   | 4.5260           |                                |                                 | 39.4280                                  | 51.0320                              |                                              |                                       |                     |
| 29/07/2014           | 93.5256           | 0.6890                           | 0.2765               | 0.9655                   | 4.4810           |                                |                                 | 39.3693                                  | 50.9846                              |                                              |                                       |                     |
| 30/07/2014           | 93.4234           | 0.6614                           | 0.2705               | 0.9319                   | 4.5470           |                                |                                 | 39.4431                                  | 51.0478                              |                                              |                                       |                     |
| 31/07/2014           | 93.4296           | 0.6644                           | 0.2728               | 0.9373                   | 4.5270           |                                |                                 | 39.4410                                  | 51.0433                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |  |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| Mínimo     | 93.4234 | 0.5886 | 0.2458 | 0.8343 | 4.2490 |  |  | 39.1068 | 50.7600 |  |  |  |
| Promedio   | 93.6487 | 0.7025 | 0.2820 | 0.9845 | 4.4151 |  |  | 39.2952 | 50.9313 |  |  |  |
| Máximo     | 93.9145 | 0.7815 | 0.3089 | 1.0877 | 4.5470 |  |  | 39.5436 | 51.1652 |  |  |  |
| Desv. Est. | 0.1371  | 0.0489 | 0.0148 | 0.0633 | 0.0811 |  |  | 0.1172  | 0.1044  |  |  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Raudal                          |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 98.7000           | 0.1400                           | 0.1000               | 0.2400                   | 0.6300           |                                |                                 | 38.1416                                  | 50.7024                              |                                              |                                       |                     |
| 02/07/2014           | 98.6700           | 0.1600                           | 0.1100               | 0.2700                   | 0.6200           |                                |                                 | 38.1486                                  | 50.6894                              |                                              |                                       |                     |
| 03/07/2014           | 98.7100           | 0.1500                           | 0.1000               | 0.2500                   | 0.6200           |                                |                                 | 38.1392                                  | 50.6993                              |                                              |                                       |                     |
| 04/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1408                                  | 50.7014                              |                                              |                                       |                     |
| 05/07/2014           | 98.6900           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1435                                  | 50.7050                              |                                              |                                       |                     |
| 06/07/2014           | 98.6900           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1451                                  | 50.7026                              |                                              |                                       |                     |
| 07/07/2014           | 98.6900           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1443                                  | 50.7016                              |                                              |                                       |                     |
| 08/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6200           |                                |                                 | 38.1463                                  | 50.7042                              |                                              |                                       |                     |
| 09/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6200           |                                |                                 | 38.1451                                  | 50.7026                              |                                              |                                       |                     |
| 10/07/2014           | 98.7099           | 0.1500                           | 0.1000               | 0.2500                   | 0.6201           |                                |                                 | 38.1416                                  | 50.6979                              |                                              |                                       |                     |
| 11/07/2014           | 98.7099           | 0.1500                           | 0.1000               | 0.2500                   | 0.6201           |                                |                                 | 38.1377                                  | 50.6927                              |                                              |                                       |                     |
| 12/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1357                                  | 50.6901                              |                                              |                                       |                     |
| 13/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6200           |                                |                                 | 38.1427                                  | 50.6995                              |                                              |                                       |                     |
| 14/07/2014           | 98.7099           | 0.1500                           | 0.1000               | 0.2500                   | 0.6201           |                                |                                 | 38.1665                                  | 50.7311                              |                                              |                                       |                     |
| 15/07/2014           | 98.7099           | 0.1500                           | 0.1000               | 0.2500                   | 0.6201           |                                |                                 | 38.1665                                  | 50.7311                              |                                              |                                       |                     |
| 16/07/2014           | 98.3602           | 0.3800                           | 0.1300               | 0.5099                   | 0.6399           |                                |                                 | 38.1086                                  | 50.5204                              |                                              |                                       |                     |
| 17/07/2014           | 98.6801           | 0.1500                           | 0.1000               | 0.2500                   | 0.6299           |                                |                                 | 38.1541                                  | 50.7146                              |                                              |                                       |                     |
| 18/07/2014           | 98.6801           | 0.1500                           | 0.1000               | 0.2500                   | 0.6299           |                                |                                 | 38.1541                                  | 50.7146                              |                                              |                                       |                     |
| 19/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6200           |                                |                                 | 38.1416                                  | 50.6979                              |                                              |                                       |                     |
| 20/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6200           |                                |                                 | 38.1404                                  | 50.6964                              |                                              |                                       |                     |
| 21/07/2014           | 98.6901           | 0.1500                           | 0.1000               | 0.2500                   | 0.6299           |                                |                                 | 38.1404                                  | 50.6964                              |                                              |                                       |                     |
| 22/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1388                                  | 50.6943                              |                                              |                                       |                     |
| 23/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1380                                  | 50.6933                              |                                              |                                       |                     |
| 24/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1384                                  | 50.6938                              |                                              |                                       |                     |
| 25/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1424                                  | 50.6990                              |                                              |                                       |                     |
| 26/07/2014           | 98.6900           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1423                                  | 50.6990                              |                                              |                                       |                     |
| 27/07/2014           | 98.7900           | 0.1500                           | 0.0100               | 0.1600                   | 0.6300           |                                |                                 | 38.1741                                  | 50.7411                              |                                              |                                       |                     |
| 28/07/2014           | 98.7000           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1349                                  | 50.6891                              |                                              |                                       |                     |
| 29/07/2014           | 98.6900           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1423                                  | 50.6990                              |                                              |                                       |                     |
| 30/07/2014           | 98.6400           | 0.1900                           | 0.1200               | 0.3100                   | 0.6400           |                                |                                 | 38.1189                                  | 50.6499                              |                                              |                                       |                     |
| 31/07/2014           | 98.6900           | 0.1500                           | 0.1000               | 0.2500                   | 0.6300           |                                |                                 | 38.1435                                  | 50.7005                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 98.3602 | 0.1400 | 0.0100 | 0.1600 | 0.6200 |  |  | 38.1086 | 50.5204 |  |
| Promedio   | 98.6871 | 0.1587 | 0.0990 | 0.2577 | 0.6271 |  |  | 38.1432 | 50.6952 |  |
| Máximo     | 98.7900 | 0.3800 | 0.1300 | 0.5099 | 0.6400 |  |  | 38.1741 | 50.7411 |  |
| Desv. Est. | 0.0645  | 0.0418 | 0.0178 | 0.0510 | 0.0059 |  |  | 0.0121  | 0.0359  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Cd. Mendoza                     |              |
| <b>ZONA DE MEDICIÓN:</b>  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 96.9800           | 0.1201                           | 1.0856               | 1.2057                   | 1.4560           |                                |                                 | 38.0311                                  | 50.2556                              |                                              |                                       |                     |
| 02/07/2014           | 97.2203           | 0.1204                           | 0.9819               | 1.1023                   | 1.3300           |                                |                                 | 38.0280                                  | 50.4212                              |                                              |                                       |                     |
| 03/07/2014           | 97.0812           | 0.1175                           | 1.0574               | 1.1750                   | 1.3880           |                                |                                 | 38.0193                                  | 50.2637                              |                                              |                                       |                     |
| 04/07/2014           | 97.4349           | 0.1217                           | 0.8670               | 0.9887                   | 1.2220           |                                |                                 | 38.0461                                  | 50.3647                              |                                              |                                       |                     |
| 05/07/2014           | 97.0123           | 0.1167                           | 1.0977               | 1.2144                   | 1.4170           |                                |                                 | 38.0131                                  | 50.2421                              |                                              |                                       |                     |
| 06/07/2014           | 96.9895           | 0.1167                           | 1.1024               | 1.2190                   | 1.4460           |                                |                                 | 38.0140                                  | 50.2403                              |                                              |                                       |                     |
| 07/07/2014           | 97.2179           | 0.1175                           | 0.9463               | 1.0638                   | 1.3700           |                                |                                 | 38.0549                                  | 50.3357                              |                                              |                                       |                     |
| 08/07/2014           | 96.8591           | 0.1152                           | 1.2068               | 1.3220                   | 1.4610           |                                |                                 | 37.9873                                  | 50.1778                              |                                              |                                       |                     |
| 09/07/2014           | 97.1005           | 0.1191                           | 1.0316               | 1.1508                   | 1.3780           |                                |                                 | 38.0374                                  | 50.2849                              |                                              |                                       |                     |
| 10/07/2014           | 96.9722           | 0.1179                           | 1.0477               | 1.1656                   | 1.4830           |                                |                                 | 38.0663                                  | 50.2948                              |                                              |                                       |                     |
| 11/07/2014           | 96.9640           | 0.1164                           | 1.0319               | 1.1483                   | 1.5070           |                                |                                 | 38.0820                                  | 50.3121                              |                                              |                                       |                     |
| 12/07/2014           | 97.0565           | 0.1159                           | 0.9472               | 1.0631                   | 1.4860           |                                |                                 | 38.1159                                  | 50.3710                              |                                              |                                       |                     |
| 13/07/2014           | 96.8541           | 0.1152                           | 1.1154               | 1.2305                   | 1.5320           |                                |                                 | 38.0588                                  | 50.2609                              |                                              |                                       |                     |
| 14/07/2014           | 96.9644           | 0.1156                           | 1.0363               | 1.1518                   | 1.4890           |                                |                                 | 38.0837                                  | 50.3116                              |                                              |                                       |                     |
| 15/07/2014           | 96.7223           | 0.1146                           | 1.1103               | 1.2249                   | 1.6580           |                                |                                 | 38.1036                                  | 50.2893                              |                                              |                                       |                     |
| 16/07/2014           | 96.7493           | 0.1150                           | 1.0340               | 1.1489                   | 1.6990           |                                |                                 | 38.1491                                  | 50.3506                              |                                              |                                       |                     |
| 17/07/2014           | 96.4923           | 0.1138                           | 1.1828               | 1.2966                   | 1.8260           |                                |                                 | 38.1176                                  | 50.2643                              |                                              |                                       |                     |
| 18/07/2014           | 96.2665           | 0.1105                           | 1.4708               | 1.5813                   | 1.7630           |                                |                                 | 37.9949                                  | 50.0635                              |                                              |                                       |                     |
| 19/07/2014           | 96.3005           | 0.1115                           | 1.4913               | 1.6028                   | 1.7020           |                                |                                 | 37.9722                                  | 50.0404                              |                                              |                                       |                     |
| 20/07/2014           | 96.1419           | 0.1098                           | 1.5787               | 1.6885                   | 1.7780           |                                |                                 | 37.9559                                  | 49.9915                              |                                              |                                       |                     |
| 21/07/2014           | 96.1490           | 0.1083                           | 1.6275               | 1.7359                   | 1.7430           |                                |                                 | 37.9165                                  | 49.9476                              |                                              |                                       |                     |
| 22/07/2014           | 96.4329           | 0.1127                           | 1.4739               | 1.5865                   | 1.6270           |                                |                                 | 37.9329                                  | 50.0249                              |                                              |                                       |                     |
| 23/07/2014           | 96.4798           | 0.1133                           | 1.3720               | 1.4853                   | 1.6710           |                                |                                 | 37.9925                                  | 50.1054                              |                                              |                                       |                     |
| 24/07/2014           | 96.3863           | 0.1132                           | 1.3731               | 1.4863                   | 1.7340           |                                |                                 | 38.0322                                  | 50.1278                              |                                              |                                       |                     |
| 25/07/2014           | 96.5337           | 0.1139                           | 1.3072               | 1.4211                   | 1.6780           |                                |                                 | 38.0236                                  | 50.1527                              |                                              |                                       |                     |
| 26/07/2014           | 96.4565           | 0.1133                           | 1.2976               | 1.4109                   | 1.7380           |                                |                                 | 38.0553                                  | 50.1758                              |                                              |                                       |                     |
| 27/07/2014           | 97.1498           | 0.1187                           | 0.9789               | 1.0976                   | 1.4050           |                                |                                 | 38.0535                                  | 50.3189                              |                                              |                                       |                     |
| 28/07/2014           | 97.9103           | 0.1235                           | 0.5856               | 0.7091                   | 1.0280           |                                |                                 | 38.1016                                  | 50.5271                              |                                              |                                       |                     |
| 29/07/2014           | 96.8194           | 0.1130                           | 1.1591               | 1.2721                   | 1.5550           |                                |                                 | 38.0317                                  | 50.2275                              |                                              |                                       |                     |
| 30/07/2014           | 96.9083           | 0.1143                           | 1.1582               | 1.2725                   | 1.4430           |                                |                                 | 38.0195                                  | 50.2191                              |                                              |                                       |                     |
| 31/07/2014           | 96.7978           | 0.1128                           | 1.2274               | 1.3403                   | 1.5110           |                                |                                 | 37.9935                                  | 50.1734                              |                                              |                                       |                     |

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

|                   |         |        |        |        |        |  |  |         |         |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| <b>Mínimo</b>     | 96.1419 | 0.1083 | 0.5856 | 0.7091 | 1.0280 |  |  | 37.9165 | 49.9476 |  |
| <b>Promedio</b>   | 96.8195 | 0.1154 | 1.1608 | 1.2762 | 1.5330 |  |  | 38.0350 | 50.2302 |  |
| <b>Máximo</b>     | 97.9103 | 0.1235 | 1.6275 | 1.7359 | 1.8260 |  |  | 38.1491 | 50.5271 |  |
| <b>Desv. Est.</b> | 0.3933  | 0.0035 | 0.2246 | 0.2214 | 0.1803 |  |  | 0.0537  | 0.1301  |  |

Observaciones:



# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | El Veinte                       |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 98.3464           | 0.2708                           | 0.2496               | 0.5203                   | 0.5790           |                                |                    | 38.1343                     | 50.5960                 |                                 |                          |                     |
| 02/07/2014           | 98.3401           | 0.2727                           | 0.2500               | 0.5227                   | 0.5810           |                                |                    | 38.1357                     | 50.5953                 |                                 |                          |                     |
| 03/07/2014           | 98.3507           | 0.2725                           | 0.2478               | 0.5203                   | 0.5760           |                                |                    | 38.1331                     | 50.5950                 |                                 |                          |                     |
| 04/07/2014           | 98.3422           | 0.2733                           | 0.2488               | 0.5220                   | 0.5790           |                                |                    | 38.1361                     | 50.5957                 |                                 |                          |                     |
| 05/07/2014           | 98.3421           | 0.2735                           | 0.2487               | 0.5222                   | 0.5800           |                                |                    | 38.1355                     | 50.5953                 |                                 |                          |                     |
| 06/07/2014           | 98.3473           | 0.2725                           | 0.2478               | 0.5203                   | 0.5780           |                                |                    | 38.1342                     | 50.5956                 |                                 |                          |                     |
| 07/07/2014           | 98.3470           | 0.2722                           | 0.2479               | 0.5201                   | 0.5790           |                                |                    | 38.1346                     | 50.5961                 |                                 |                          |                     |
| 08/07/2014           | 98.3527           | 0.2710                           | 0.2471               | 0.5181                   | 0.5770           |                                |                    | 38.1334                     | 50.5967                 |                                 |                          |                     |
| 09/07/2014           | 98.3570           | 0.2713                           | 0.2463               | 0.5175                   | 0.5740           |                                |                    | 38.1318                     | 50.5959                 |                                 |                          |                     |
| 10/07/2014           | 98.3540           | 0.2710                           | 0.2470               | 0.5179                   | 0.5760           |                                |                    | 38.1326                     | 50.5959                 |                                 |                          |                     |
| 11/07/2014           | 98.3576           | 0.2699                           | 0.2472               | 0.5171                   | 0.5750           |                                |                    | 38.1313                     | 50.5962                 |                                 |                          |                     |
| 12/07/2014           | 98.3658           | 0.2704                           | 0.2462               | 0.5166                   | 0.5710           |                                |                    | 38.1279                     | 50.5944                 |                                 |                          |                     |
| 13/07/2014           | 98.3712           | 0.2693                           | 0.2450               | 0.5143                   | 0.5690           |                                |                    | 38.1275                     | 50.5956                 |                                 |                          |                     |
| 14/07/2014           | 98.3669           | 0.2705                           | 0.2452               | 0.5157                   | 0.5700           |                                |                    | 38.1282                     | 50.5949                 |                                 |                          |                     |
| 15/07/2014           | 98.3625           | 0.2712                           | 0.2455               | 0.5167                   | 0.5720           |                                |                    | 38.1292                     | 50.5947                 |                                 |                          |                     |
| 16/07/2014           | 98.3597           | 0.2713                           | 0.2460               | 0.5174                   | 0.5740           |                                |                    | 38.1301                     | 50.5950                 |                                 |                          |                     |
| 17/07/2014           | 98.3603           | 0.2719                           | 0.2455               | 0.5174                   | 0.5740           |                                |                    | 38.1297                     | 50.5946                 |                                 |                          |                     |
| 18/07/2014           | 98.3625           | 0.2711                           | 0.2451               | 0.5162                   | 0.5730           |                                |                    | 38.1294                     | 50.5952                 |                                 |                          |                     |
| 19/07/2014           | 98.3633           | 0.2699                           | 0.2453               | 0.5152                   | 0.5740           |                                |                    | 38.1299                     | 50.5963                 |                                 |                          |                     |
| 20/07/2014           | 98.3844           | 0.2663                           | 0.2425               | 0.5088                   | 0.5650           |                                |                    | 38.1253                     | 50.5976                 |                                 |                          |                     |
| 21/07/2014           | 98.3580           | 0.2721                           | 0.2463               | 0.5183                   | 0.5750           |                                |                    | 38.1298                     | 50.5942                 |                                 |                          |                     |
| 22/07/2014           | 98.3395           | 0.2784                           | 0.2457               | 0.5241                   | 0.5740           |                                |                    | 38.1402                     | 50.5956                 |                                 |                          |                     |
| 23/07/2014           | 98.3318           | 0.2748                           | 0.2481               | 0.5229                   | 0.5800           |                                |                    | 38.1446                     | 50.5998                 |                                 |                          |                     |
| 24/07/2014           | 98.3134           | 0.2784                           | 0.2516               | 0.5300                   | 0.5830           |                                |                    | 38.1485                     | 50.5976                 |                                 |                          |                     |
| 25/07/2014           | 98.3234           | 0.2773                           | 0.2521               | 0.5295                   | 0.5820           |                                |                    | 38.1408                     | 50.5938                 |                                 |                          |                     |
| 26/07/2014           | 98.3308           | 0.2768                           | 0.2521               | 0.5288                   | 0.5810           |                                |                    | 38.1348                     | 50.5909                 |                                 |                          |                     |
| 27/07/2014           | 98.3325           | 0.2759                           | 0.2521               | 0.5280                   | 0.5810           |                                |                    | 38.1339                     | 50.5911                 |                                 |                          |                     |
| 28/07/2014           | 98.3377           | 0.2752                           | 0.2512               | 0.5264                   | 0.5790           |                                |                    | 38.1325                     | 50.5911                 |                                 |                          |                     |
| 29/07/2014           | 98.3426           | 0.2746                           | 0.2504               | 0.5250                   | 0.5770           |                                |                    | 38.1320                     | 50.5918                 |                                 |                          |                     |
| 30/07/2014           | 98.3630           | 0.2711                           | 0.2476               | 0.5187                   | 0.5700           |                                |                    | 38.1269                     | 50.5926                 |                                 |                          |                     |
| 31/07/2014           | 98.3613           | 0.2695                           | 0.2488               | 0.5182                   | 0.5720           |                                |                    | 38.1275                     | 50.5936                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 98.3134 | 0.2663 | 0.2425 | 0.5088 | 0.5650 |  |  | 38.1253 | 50.5909 |  |
| Promedio   | 98.3506 | 0.2725 | 0.2477 | 0.5202 | 0.5758 |  |  | 38.1329 | 50.5950 |  |
| Máximo     | 98.3844 | 0.2784 | 0.2521 | 0.5300 | 0.5830 |  |  | 38.1485 | 50.5998 |  |
| Desv. Est. | 0.0152  | 0.0028 | 0.0025 | 0.0049 | 0.0043 |  |  | 0.0052  | 0.0020  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Rincon Pacheco                  |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 99.4000           | 0.0330                           | 0.1520               | 0.1850                   | 0.0330           |                                |                                 | 37.8887                                  | 50.6174                              |                                              |                                       |                     |
| 02/07/2014           | 99.3950           | 0.0340                           | 0.1560               | 0.1900                   | 0.0340           |                                |                                 | 37.8897                                  | 50.6187                              |                                              |                                       |                     |
| 03/07/2014           | 99.3890           | 0.0350                           | 0.1610               | 0.1960                   | 0.0350           |                                |                                 | 37.8873                                  | 50.6155                              |                                              |                                       |                     |
| 04/07/2014           | 99.3940           | 0.0340                           | 0.1570               | 0.1910                   | 0.0340           |                                |                                 | 37.8888                                  | 50.6175                              |                                              |                                       |                     |
| 05/07/2014           | 99.3990           | 0.0340                           | 0.1550               | 0.1890                   | 0.0340           |                                |                                 | 37.8878                                  | 50.6206                              |                                              |                                       |                     |
| 06/07/2014           | 99.3770           | 0.0370                           | 0.1690               | 0.2060                   | 0.0370           |                                |                                 | 37.8933                                  | 50.6189                              |                                              |                                       |                     |
| 07/07/2014           | 99.3970           | 0.0340                           | 0.1560               | 0.1900                   | 0.0340           |                                |                                 | 37.8878                                  | 50.6161                              |                                              |                                       |                     |
| 08/07/2014           | 99.3980           | 0.0340                           | 0.1550               | 0.1890                   | 0.0340           |                                |                                 | 37.8882                                  | 50.6166                              |                                              |                                       |                     |
| 09/07/2014           | 99.4019           | 0.0340                           | 0.1550               | 0.1890                   | 0.0340           |                                |                                 | 37.8794                                  | 50.6139                              |                                              |                                       |                     |
| 10/07/2014           | 99.4040           | 0.0350                           | 0.1540               | 0.1890                   | 0.0350           |                                |                                 | 37.8886                                  | 50.6218                              |                                              |                                       |                     |
| 11/07/2014           | 99.4160           | 0.0330                           | 0.1450               | 0.1780                   | 0.0330           |                                |                                 | 37.8869                                  | 50.6240                              |                                              |                                       |                     |
| 12/07/2014           | 99.4110           | 0.0340                           | 0.1480               | 0.1820                   | 0.0340           |                                |                                 | 37.8876                                  | 50.6204                              |                                              |                                       |                     |
| 13/07/2014           | 99.4110           | 0.0330                           | 0.1460               | 0.1790                   | 0.0330           |                                |                                 | 37.8930                                  | 50.6276                              |                                              |                                       |                     |
| 14/07/2014           | 99.4100           | 0.0330                           | 0.1470               | 0.1800                   | 0.0330           |                                |                                 | 37.8886                                  | 50.6218                              |                                              |                                       |                     |
| 15/07/2014           | 99.4070           | 0.0340                           | 0.1470               | 0.1810                   | 0.0340           |                                |                                 | 37.8866                                  | 50.6190                              |                                              |                                       |                     |
| 16/07/2014           | 99.3980           | 0.0350                           | 0.1540               | 0.1890                   | 0.0350           |                                |                                 | 37.8869                                  | 50.6150                              |                                              |                                       |                     |
| 17/07/2014           | 99.4120           | 0.0330                           | 0.1440               | 0.1770                   | 0.0330           |                                |                                 | 37.8891                                  | 50.6224                              |                                              |                                       |                     |
| 18/07/2014           | 99.4120           | 0.0340                           | 0.1480               | 0.1820                   | 0.0340           |                                |                                 | 37.8879                                  | 50.6208                              |                                              |                                       |                     |
| 19/07/2014           | 99.4190           | 0.0330                           | 0.1450               | 0.1780                   | 0.0330           |                                |                                 | 37.8868                                  | 50.6239                              |                                              |                                       |                     |
| 20/07/2014           | 99.4160           | 0.0340                           | 0.1460               | 0.1800                   | 0.0340           |                                |                                 | 37.8891                                  | 50.6269                              |                                              |                                       |                     |
| 21/07/2014           | 99.4010           | 0.0350                           | 0.1560               | 0.1910                   | 0.0350           |                                |                                 | 37.8929                                  | 50.6230                              |                                              |                                       |                     |
| 22/07/2014           | 99.4020           | 0.0350                           | 0.1520               | 0.1870                   | 0.0350           |                                |                                 | 37.8939                                  | 50.6243                              |                                              |                                       |                     |
| 23/07/2014           | 99.3070           | 0.0360                           | 0.1560               | 0.1920                   | 0.0360           |                                |                                 | 37.8592                                  | 50.5373                              |                                              |                                       |                     |
| 24/07/2014           | 99.3813           | 0.0340                           | 0.1480               | 0.1820                   | 0.0340           |                                |                                 | 37.8592                                  | 50.5373                              |                                              |                                       |                     |
| 25/07/2014           | 99.4110           | 0.0340                           | 0.1500               | 0.1840                   | 0.0340           |                                |                                 | 37.8865                                  | 50.6189                              |                                              |                                       |                     |
| 26/07/2014           | 99.4070           | 0.0350                           | 0.1520               | 0.1870                   | 0.0350           |                                |                                 | 37.8832                                  | 50.6190                              |                                              |                                       |                     |
| 27/07/2014           | 99.4150           | 0.0330                           | 0.1430               | 0.1760                   | 0.0330           |                                |                                 | 37.8902                                  | 50.6239                              |                                              |                                       |                     |
| 28/07/2014           | 99.4050           | 0.0340                           | 0.1500               | 0.1840                   | 0.0340           |                                |                                 | 37.8884                                  | 50.6214                              |                                              |                                       |                     |
| 29/07/2014           | 99.4130           | 0.0330                           | 0.1430               | 0.1760                   | 0.0330           |                                |                                 | 37.8921                                  | 50.6265                              |                                              |                                       |                     |
| 30/07/2014           | 99.4060           | 0.0340                           | 0.1490               | 0.1830                   | 0.0340           |                                |                                 | 37.8922                                  | 50.6221                              |                                              |                                       |                     |
| 31/07/2014           | 99.3810           | 0.0340                           | 0.1480               | 0.1820                   | 0.0340           |                                |                                 | 37.8809                                  | 50.5979                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 99.3070 | 0.0330 | 0.1430 | 0.1760 | 0.0330 |  |  | 37.8592 | 50.5373 |  |
| Promedio   | 99.3999 | 0.0341 | 0.1512 | 0.1853 | 0.0341 |  |  | 37.8865 | 50.6145 |  |
| Máximo     | 99.4190 | 0.0370 | 0.1690 | 0.2060 | 0.0370 |  |  | 37.8939 | 50.6276 |  |
| Desv. Est. | 0.0202  | 0.0009 | 0.0058 | 0.0065 | 0.0009 |  |  | 0.0080  | 0.0213  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Cauchy                          |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 98.9032           | 0.1291                           | 0.1940               | 0.3231                   | 0.4141           |                                |                                 | 38.0382                                  | 50.6636                              |                                              |                                       |                     |
| 02/07/2014           | 98.9307           | 0.1289                           | 0.1907               | 0.3196                   | 0.4131           |                                |                                 | 38.0255                                  | 50.6601                              |                                              |                                       |                     |
| 03/07/2014           | 98.8594           | 0.1288                           | 0.2682               | 0.3970                   | 0.4141           |                                |                                 | 37.9933                                  | 50.6037                              |                                              |                                       |                     |
| 04/07/2014           | 98.9373           | 0.1287                           | 0.1896               | 0.3183                   | 0.4157           |                                |                                 | 38.0215                                  | 50.6504                              |                                              |                                       |                     |
| 05/07/2014           | 98.9410           | 0.1286                           | 0.1899               | 0.3185                   | 0.4136           |                                |                                 | 38.0197                                  | 50.6569                              |                                              |                                       |                     |
| 06/07/2014           | 98.9483           | 0.1279                           | 0.1883               | 0.3162                   | 0.4095           |                                |                                 | 38.0198                                  | 50.6570                              |                                              |                                       |                     |
| 07/07/2014           | 98.9506           | 0.1279                           | 0.1883               | 0.3162                   | 0.4076           |                                |                                 | 38.0166                                  | 50.6573                              |                                              |                                       |                     |
| 08/07/2014           | 98.9473           | 0.1280                           | 0.1898               | 0.3178                   | 0.4092           |                                |                                 | 38.0192                                  | 50.6563                              |                                              |                                       |                     |
| 09/07/2014           | 98.9482           | 0.1280                           | 0.1899               | 0.3179                   | 0.4085           |                                |                                 | 38.0196                                  | 50.6567                              |                                              |                                       |                     |
| 10/07/2014           | 98.9498           | 0.1280                           | 0.1895               | 0.3175                   | 0.4078           |                                |                                 | 38.0196                                  | 50.6567                              |                                              |                                       |                     |
| 11/07/2014           | 98.9430           | 0.1282                           | 0.1907               | 0.3189                   | 0.4116           |                                |                                 | 38.0203                                  | 50.6578                              |                                              |                                       |                     |
| 12/07/2014           | 98.9436           | 0.1281                           | 0.1893               | 0.3174                   | 0.4117           |                                |                                 | 38.0211                                  | 50.6588                              |                                              |                                       |                     |
| 13/07/2014           | 98.9489           | 0.1278                           | 0.1890               | 0.3168                   | 0.4088           |                                |                                 | 38.0200                                  | 50.6573                              |                                              |                                       |                     |
| 14/07/2014           | 98.9363           | 0.1283                           | 0.1898               | 0.3181                   | 0.4154           |                                |                                 | 38.0171                                  | 50.6579                              |                                              |                                       |                     |
| 15/07/2014           | 98.9319           | 0.1284                           | 0.1913               | 0.3197                   | 0.4166           |                                |                                 | 38.0140                                  | 50.6539                              |                                              |                                       |                     |
| 16/07/2014           | 98.9231           | 0.1287                           | 0.1929               | 0.3216                   | 0.4225           |                                |                                 | 38.0155                                  | 50.6558                              |                                              |                                       |                     |
| 17/07/2014           | 98.9245           | 0.1287                           | 0.1925               | 0.3212                   | 0.4214           |                                |                                 | 38.0157                                  | 50.6561                              |                                              |                                       |                     |
| 18/07/2014           | 98.9241           | 0.1285                           | 0.1901               | 0.3186                   | 0.4226           |                                |                                 | 38.0181                                  | 50.6547                              |                                              |                                       |                     |
| 19/07/2014           | 98.9344           | 0.1282                           | 0.1896               | 0.3178                   | 0.4172           |                                |                                 | 38.0133                                  | 50.6529                              |                                              |                                       |                     |
| 20/07/2014           | 98.9373           | 0.1283                           | 0.1887               | 0.3170                   | 0.4152           |                                |                                 | 38.0135                                  | 50.6531                              |                                              |                                       |                     |
| 21/07/2014           | 98.9374           | 0.1283                           | 0.1898               | 0.3181                   | 0.4155           |                                |                                 | 38.0112                                  | 50.6546                              |                                              |                                       |                     |
| 22/07/2014           | 98.9350           | 0.1284                           | 0.1901               | 0.3185                   | 0.4169           |                                |                                 | 38.0115                                  | 50.6550                              |                                              |                                       |                     |
| 23/07/2014           | 98.9350           | 0.1284                           | 0.1901               | 0.3185                   | 0.4169           |                                |                                 | 38.0115                                  | 50.6550                              |                                              |                                       |                     |
| 24/07/2014           | 98.9350           | 0.1284                           | 0.1901               | 0.3185                   | 0.4169           |                                |                                 | 38.0115                                  | 50.6550                              |                                              |                                       |                     |
| 25/07/2014           | 98.4866           | 0.1056                           | 0.1853               | 0.2909                   | 0.3724           |                                |                                 | 38.0071                                  | 50.6672                              |                                              |                                       |                     |
| 26/07/2014           | 99.0658           | 0.1022                           | 0.1854               | 0.2876                   | 0.3529           |                                |                                 | 38.0073                                  | 50.6674                              |                                              |                                       |                     |
| 27/07/2014           | 99.0565           | 0.1030                           | 0.1896               | 0.2926                   | 0.3571           |                                |                                 | 38.0073                                  | 50.6674                              |                                              |                                       |                     |
| 28/07/2014           | 99.0524           | 0.1033                           | 0.1901               | 0.2935                   | 0.3593           |                                |                                 | 38.0073                                  | 50.6674                              |                                              |                                       |                     |
| 29/07/2014           | 99.0302           | 0.1046                           | 0.1928               | 0.2974                   | 0.3668           |                                |                                 | 38.0117                                  | 50.6688                              |                                              |                                       |                     |
| 30/07/2014           | 99.0096           | 0.1056                           | 0.1958               | 0.3014                   | 0.3710           |                                |                                 | 37.9830                                  | 50.6215                              |                                              |                                       |                     |
| 31/07/2014           | 99.0114           | 0.1054                           | 0.1944               | 0.2998                   | 0.3693           |                                |                                 | 38.0216                                  | 50.6729                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 98.4866 | 0.1022 | 0.1853 | 0.2876 | 0.3529 |  |  | 37.9830 | 50.6037 |  |
| Promedio   | 98.9393 | 0.1229 | 0.1928 | 0.3157 | 0.4029 |  |  | 38.0146 | 50.6558 |  |
| Máximo     | 99.0658 | 0.1291 | 0.2682 | 0.3970 | 0.4226 |  |  | 38.0382 | 50.6729 |  |
| Desv. Est. | 0.0958  | 0.0103 | 0.0142 | 0.0183 | 0.0219 |  |  | 0.0096  | 0.0130  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | J. D. Covarrubias               |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 85.0561           | 0.0035                           | 6.6610               | 6.6645                   | 6.9050           |                                |                    | 37.0800                     | 46.9376                 |                                 |                          |                     |
| 02/07/2014           | 85.5806           | 0.0030                           | 6.7427               | 6.7457                   | 6.5570           |                                |                    | 37.1053                     | 47.0434                 |                                 |                          |                     |
| 03/07/2014           | 85.9644           | 0.0023                           | 6.9716               | 6.9739                   | 6.4680           |                                |                    | 37.1592                     | 47.1828                 |                                 |                          |                     |
| 04/07/2014           | 85.6131           | 0.0038                           | 6.8407               | 6.8446                   | 6.6440           |                                |                    | 37.0725                     | 47.0307                 |                                 |                          |                     |
| 05/07/2014           | 85.5220           | 0.0029                           | 7.1738               | 7.1767                   | 6.9520           |                                |                    | 37.2620                     | 47.2442                 |                                 |                          |                     |
| 06/07/2014           | 83.7186           | 0.0019                           | 8.4148               | 8.4167                   | 7.4130           |                                |                    | 36.9840                     | 46.5786                 |                                 |                          |                     |
| 07/07/2014           | 84.7664           | 0.0019                           | 6.9606               | 6.9626                   | 7.0660           |                                |                    | 37.2593                     | 47.0681                 |                                 |                          |                     |
| 08/07/2014           | 85.2977           | 0.0026                           | 6.9990               | 7.0016                   | 7.1050           |                                |                    | 37.5232                     | 47.4742                 |                                 |                          |                     |
| 09/07/2014           | 85.5264           | 0.0028                           | 6.7087               | 6.7115                   | 7.1730           |                                |                    | 37.6499                     | 47.6685                 |                                 |                          |                     |
| 10/07/2014           | 84.7293           | 0.0027                           | 6.7805               | 6.7831                   | 7.7770           |                                |                    | 37.8589                     | 47.7682                 |                                 |                          |                     |
| 11/07/2014           | 84.2805           | 0.0042                           | 7.5073               | 7.5115                   | 7.5900           |                                |                    | 37.4741                     | 47.2412                 |                                 |                          |                     |
| 12/07/2014           | 83.7400           | 0.0042                           | 6.9054               | 6.9096                   | 7.9310           |                                |                    | 37.6059                     | 47.2886                 |                                 |                          |                     |
| 13/07/2014           | 85.1295           | 0.0052                           | 6.3579               | 6.3630                   | 7.8100           |                                |                    | 38.0281                     | 48.0406                 |                                 |                          |                     |
| 14/07/2014           | 84.8561           | 0.0020                           | 6.5524               | 6.5545                   | 7.8660           |                                |                    | 37.9799                     | 47.9347                 |                                 |                          |                     |
| 15/07/2014           | 85.2375           | 0.0033                           | 6.0142               | 6.0175                   | 7.9820           |                                |                    | 38.2389                     | 48.3091                 |                                 |                          |                     |
| 16/07/2014           | 84.7980           | 0.0053                           | 6.4814               | 6.4867                   | 8.0490           |                                |                    | 38.0226                     | 47.9869                 |                                 |                          |                     |
| 17/07/2014           | 85.4013           | 0.0101                           | 7.1899               | 7.2000                   | 6.8080           |                                |                    | 37.3588                     | 47.2910                 |                                 |                          |                     |
| 18/07/2014           | 84.1925           | 0.0192                           | 8.0294               | 8.0486                   | 7.1640           |                                |                    | 37.1361                     | 46.8161                 |                                 |                          |                     |
| 19/07/2014           | 83.6882           | 0.0046                           | 8.9305               | 8.9350                   | 6.8260           |                                |                    | 36.6688                     | 46.2760                 |                                 |                          |                     |
| 20/07/2014           | 84.7179           | 0.0055                           | 8.2813               | 8.2868                   | 6.6310           |                                |                    | 36.7588                     | 46.4863                 |                                 |                          |                     |
| 21/07/2014           | 84.3363           | 0.0040                           | 8.3070               | 8.3110                   | 7.0020           |                                |                    | 36.8450                     | 46.5310                 |                                 |                          |                     |
| 22/07/2014           | 84.2509           | 0.0042                           | 7.6789               | 7.6831                   | 7.4800           |                                |                    | 37.3713                     | 47.1069                 |                                 |                          |                     |
| 23/07/2014           | 84.9669           | 0.0060                           | 6.8554               | 6.8614                   | 7.0100           |                                |                    | 37.2209                     | 47.0624                 |                                 |                          |                     |
| 24/07/2014           | 85.4429           | 0.0172                           | 6.9798               | 6.9970                   | 7.0500           |                                |                    | 37.4565                     | 47.4312                 |                                 |                          |                     |
| 25/07/2014           | 85.2610           | 0.0105                           | 6.8574               | 6.8679                   | 7.2190           |                                |                    | 37.4413                     | 47.3952                 |                                 |                          |                     |
| 26/07/2014           | 85.3286           | 0.0110                           | 7.1544               | 7.1654                   | 7.1510           |                                |                    | 37.3240                     | 47.2840                 |                                 |                          |                     |
| 27/07/2014           | 84.8141           | 0.0115                           | 7.6103               | 7.6218                   | 7.0590           |                                |                    | 37.2258                     | 47.0407                 |                                 |                          |                     |
| 28/07/2014           | 84.9627           | 0.0111                           | 7.8765               | 7.8876                   | 6.5930           |                                |                    | 37.0365                     | 46.8157                 |                                 |                          |                     |
| 29/07/2014           | 84.7472           | 0.0065                           | 7.8902               | 7.8967                   | 6.9930           |                                |                    | 37.0130                     | 46.7993                 |                                 |                          |                     |
| 30/07/2014           | 85.0387           | 0.0073                           | 7.9667               | 7.9739                   | 7.0390           |                                |                    | 37.1677                     | 47.0348                 |                                 |                          |                     |
| 31/07/2014           | 85.0869           | 0.0032                           | 7.7917               | 7.7948                   | 7.3010           |                                |                    | 37.3549                     | 47.2759                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.6882 | 0.0019 | 6.0142 | 6.0175 | 6.4680 |  |  | 36.6688 | 46.2760 |  |
| Promedio   | 84.9049 | 0.0059 | 7.2733 | 7.2792 | 7.1811 |  |  | 37.3446 | 47.2079 |  |
| Máximo     | 85.9644 | 0.0192 | 8.9305 | 8.9350 | 8.0490 |  |  | 38.2389 | 48.3091 |  |
| Desv. Est. | 0.5806  | 0.0044 | 0.6921 | 0.6930 | 0.4435 |  |  | 0.3815  | 0.4729  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Pecosa Alta Presión             |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 85.0561           | 0.0035                           | 6.6610               | 6.6645                   | 6.9050           |                                |                                 | 37.0800                                  | 46.9376                              |                                              |                                       |                     |
| 02/07/2014           | 85.5806           | 0.0030                           | 6.7427               | 6.7457                   | 6.5570           |                                |                                 | 37.1053                                  | 47.0434                              |                                              |                                       |                     |
| 03/07/2014           | 85.9644           | 0.0023                           | 6.9716               | 6.9739                   | 6.4680           |                                |                                 | 37.1592                                  | 47.1828                              |                                              |                                       |                     |
| 04/07/2014           | 85.6131           | 0.0038                           | 6.8407               | 6.8446                   | 6.6440           |                                |                                 | 37.0725                                  | 47.0307                              |                                              |                                       |                     |
| 05/07/2014           | 85.5220           | 0.0029                           | 7.1738               | 7.1767                   | 6.9520           |                                |                                 | 37.2620                                  | 47.2442                              |                                              |                                       |                     |
| 06/07/2014           | 83.7186           | 0.0019                           | 8.4148               | 8.4167                   | 7.4130           |                                |                                 | 36.9840                                  | 46.5786                              |                                              |                                       |                     |
| 07/07/2014           | 84.7664           | 0.0019                           | 6.9606               | 6.9626                   | 7.0660           |                                |                                 | 37.2593                                  | 47.0681                              |                                              |                                       |                     |
| 08/07/2014           | 85.2977           | 0.0026                           | 6.9990               | 7.0016                   | 7.1050           |                                |                                 | 37.5232                                  | 47.4742                              |                                              |                                       |                     |
| 09/07/2014           | 85.5264           | 0.0028                           | 6.7087               | 6.7115                   | 7.1730           |                                |                                 | 37.6499                                  | 47.6685                              |                                              |                                       |                     |
| 10/07/2014           | 84.7293           | 0.0027                           | 6.7805               | 6.7831                   | 7.7770           |                                |                                 | 37.8589                                  | 47.7682                              |                                              |                                       |                     |
| 11/07/2014           | 84.2805           | 0.0042                           | 7.5073               | 7.5115                   | 7.5900           |                                |                                 | 37.4741                                  | 47.2412                              |                                              |                                       |                     |
| 12/07/2014           | 83.7400           | 0.0042                           | 6.9054               | 6.9096                   | 7.9310           |                                |                                 | 37.6059                                  | 47.2886                              |                                              |                                       |                     |
| 13/07/2014           | 85.1295           | 0.0052                           | 6.3579               | 6.3630                   | 7.8100           |                                |                                 | 38.0281                                  | 48.0406                              |                                              |                                       |                     |
| 14/07/2014           | 84.8561           | 0.0020                           | 6.5524               | 6.5545                   | 7.8660           |                                |                                 | 37.9799                                  | 47.9347                              |                                              |                                       |                     |
| 15/07/2014           | 85.2375           | 0.0033                           | 6.0142               | 6.0175                   | 7.9820           |                                |                                 | 38.2389                                  | 48.3091                              |                                              |                                       |                     |
| 16/07/2014           | 84.7980           | 0.0053                           | 6.4814               | 6.4867                   | 8.0490           |                                |                                 | 38.0226                                  | 47.9869                              |                                              |                                       |                     |
| 17/07/2014           | 85.4013           | 0.0101                           | 7.1899               | 7.2000                   | 6.8080           |                                |                                 | 37.3588                                  | 47.2910                              |                                              |                                       |                     |
| 18/07/2014           | 84.1925           | 0.0192                           | 8.0294               | 8.0486                   | 7.1640           |                                |                                 | 37.1361                                  | 46.8161                              |                                              |                                       |                     |
| 19/07/2014           | 83.6882           | 0.0046                           | 8.9305               | 8.9350                   | 6.8260           |                                |                                 | 36.6688                                  | 46.2602                              |                                              |                                       |                     |
| 20/07/2014           | 84.7179           | 0.0055                           | 8.2813               | 8.2868                   | 6.6310           |                                |                                 | 36.7588                                  | 46.4863                              |                                              |                                       |                     |
| 21/07/2014           | 84.3363           | 0.0040                           | 8.3070               | 8.3110                   | 7.0020           |                                |                                 | 36.8450                                  | 46.5310                              |                                              |                                       |                     |
| 22/07/2014           | 84.2509           | 0.0042                           | 7.6789               | 7.6831                   | 7.4800           |                                |                                 | 37.3713                                  | 47.1069                              |                                              |                                       |                     |
| 23/07/2014           | 84.9669           | 0.0060                           | 6.8554               | 6.8614                   | 7.0100           |                                |                                 | 37.2209                                  | 47.0624                              |                                              |                                       |                     |
| 24/07/2014           | 85.4429           | 0.0172                           | 6.9798               | 6.9970                   | 7.0500           |                                |                                 | 37.4565                                  | 47.4312                              |                                              |                                       |                     |
| 25/07/2014           | 85.2610           | 0.0105                           | 6.8574               | 6.8679                   | 7.2190           |                                |                                 | 37.4413                                  | 47.3952                              |                                              |                                       |                     |
| 26/07/2014           | 85.3286           | 0.0110                           | 7.1544               | 7.1654                   | 7.1510           |                                |                                 | 37.3240                                  | 47.2840                              |                                              |                                       |                     |
| 27/07/2014           | 84.8141           | 0.0115                           | 7.6103               | 7.6218                   | 7.0590           |                                |                                 | 37.2258                                  | 47.0407                              |                                              |                                       |                     |
| 28/07/2014           | 84.9627           | 0.0111                           | 7.8765               | 7.8876                   | 6.5930           |                                |                                 | 37.0365                                  | 46.8157                              |                                              |                                       |                     |
| 29/07/2014           | 84.7472           | 0.0065                           | 7.8902               | 7.8967                   | 6.9930           |                                |                                 | 37.0130                                  | 46.7993                              |                                              |                                       |                     |
| 30/07/2014           | 85.0387           | 0.0073                           | 7.9667               | 7.9739                   | 7.0390           |                                |                                 | 37.1677                                  | 47.0348                              |                                              |                                       |                     |
| 31/07/2014           | 85.0869           | 0.0032                           | 7.7917               | 7.7948                   | 7.3010           |                                |                                 | 37.3549                                  | 47.2759                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.6882 | 0.0019 | 6.0142 | 6.0175 | 6.4680 |  |  | 36.6688 | 46.2602 |  |
| Promedio   | 84.9049 | 0.0059 | 7.2733 | 7.2792 | 7.1811 |  |  | 37.3446 | 47.2073 |  |
| Máximo     | 85.9644 | 0.0192 | 8.9305 | 8.9350 | 8.0490 |  |  | 38.2389 | 48.3091 |  |
| Desv. Est. | 0.5806  | 0.0044 | 0.6921 | 0.6930 | 0.4435 |  |  | 0.3815  | 0.4739  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Pecosa Baja Presión             |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 85.0561           | 0.0035                           | 6.6523               | 6.6558                   | 6.9050           |                                |                                 | 37.0800                                  | 46.9376                              |                                              |                                       |                     |
| 02/07/2014           | 85.2461           | 0.0023                           | 6.5504               | 6.5527                   | 6.8040           |                                |                                 | 37.0998                                  | 46.9912                              |                                              |                                       |                     |
| 03/07/2014           | 85.9644           | 0.0023                           | 6.1644               | 6.1667                   | 6.4680           |                                |                                 | 37.1592                                  | 47.1828                              |                                              |                                       |                     |
| 04/07/2014           | 85.6131           | 0.0038                           | 6.4072               | 6.4110                   | 6.6440           |                                |                                 | 37.0725                                  | 47.0307                              |                                              |                                       |                     |
| 05/07/2014           | 85.5220           | 0.0029                           | 7.1738               | 7.1767                   | 6.9520           |                                |                                 | 37.2620                                  | 47.2442                              |                                              |                                       |                     |
| 06/07/2014           | 83.7186           | 0.0019                           | 8.4148               | 8.4167                   | 7.4130           |                                |                                 | 36.9840                                  | 46.5786                              |                                              |                                       |                     |
| 07/07/2014           | 84.7664           | 0.0019                           | 6.6063               | 6.6083                   | 7.0660           |                                |                                 | 37.2593                                  | 47.0681                              |                                              |                                       |                     |
| 08/07/2014           | 85.2977           | 0.0026                           | 6.9990               | 7.0016                   | 7.1050           |                                |                                 | 37.5232                                  | 47.4742                              |                                              |                                       |                     |
| 09/07/2014           | 85.5264           | 0.0028                           | 6.7087               | 6.7115                   | 7.1730           |                                |                                 | 37.6499                                  | 47.6685                              |                                              |                                       |                     |
| 10/07/2014           | 84.7293           | 0.0027                           | 6.7805               | 6.7831                   | 7.7770           |                                |                                 | 37.8589                                  | 47.7682                              |                                              |                                       |                     |
| 11/07/2014           | 84.2805           | 0.0042                           | 7.5073               | 7.5115                   | 7.5900           |                                |                                 | 37.4741                                  | 47.2412                              |                                              |                                       |                     |
| 12/07/2014           | 83.7400           | 0.0042                           | 6.5905               | 6.5947                   | 7.9310           |                                |                                 | 37.6059                                  | 47.2886                              |                                              |                                       |                     |
| 13/07/2014           | 85.1295           | 0.0052                           | 6.3579               | 6.3630                   | 7.8100           |                                |                                 | 38.0281                                  | 48.0406                              |                                              |                                       |                     |
| 14/07/2014           | 84.8561           | 0.0020                           | 6.5524               | 6.5545                   | 7.8660           |                                |                                 | 37.9799                                  | 47.9347                              |                                              |                                       |                     |
| 15/07/2014           | 85.2375           | 0.0033                           | 6.0142               | 6.0175                   | 7.9820           |                                |                                 | 38.2389                                  | 48.3091                              |                                              |                                       |                     |
| 16/07/2014           | 84.7980           | 0.0053                           | 6.4814               | 6.4867                   | 8.0490           |                                |                                 | 38.0226                                  | 47.9869                              |                                              |                                       |                     |
| 17/07/2014           | 85.4013           | 0.0101                           | 7.1899               | 7.2000                   | 6.8080           |                                |                                 | 37.3588                                  | 47.2910                              |                                              |                                       |                     |
| 18/07/2014           | 84.1925           | 0.0192                           | 8.0294               | 8.0486                   | 7.1640           |                                |                                 | 37.1361                                  | 46.8161                              |                                              |                                       |                     |
| 19/07/2014           | 83.6882           | 0.0046                           | 8.9305               | 8.9350                   | 6.8260           |                                |                                 | 36.8688                                  | 46.3760                              |                                              |                                       |                     |
| 20/07/2014           | 84.7179           | 0.0055                           | 8.2813               | 8.2868                   | 6.6310           |                                |                                 | 36.7588                                  | 46.4863                              |                                              |                                       |                     |
| 21/07/2014           | 84.3363           | 0.0040                           | 8.3070               | 8.3110                   | 7.0020           |                                |                                 | 36.8450                                  | 46.5310                              |                                              |                                       |                     |
| 22/07/2014           | 84.2509           | 0.0042                           | 7.6789               | 7.6831                   | 7.4800           |                                |                                 | 37.3713                                  | 47.1069                              |                                              |                                       |                     |
| 23/07/2014           | 84.9669           | 0.0060                           | 6.5539               | 6.5599                   | 7.0100           |                                |                                 | 37.2209                                  | 47.0624                              |                                              |                                       |                     |
| 24/07/2014           | 85.4429           | 0.0172                           | 6.9798               | 6.9970                   | 7.0500           |                                |                                 | 37.4565                                  | 47.4312                              |                                              |                                       |                     |
| 25/07/2014           | 85.2610           | 0.0105                           | 7.0574               | 7.0679                   | 7.2190           |                                |                                 | 37.4413                                  | 47.3952                              |                                              |                                       |                     |
| 26/07/2014           | 85.3286           | 0.0110                           | 6.8154               | 6.8264                   | 7.1510           |                                |                                 | 37.3240                                  | 47.2840                              |                                              |                                       |                     |
| 27/07/2014           | 84.8141           | 0.0115                           | 7.6103               | 7.6218                   | 7.0590           |                                |                                 | 37.2258                                  | 47.0407                              |                                              |                                       |                     |
| 28/07/2014           | 84.9627           | 0.0111                           | 7.8765               | 7.8876                   | 6.5930           |                                |                                 | 37.0365                                  | 46.8157                              |                                              |                                       |                     |
| 29/07/2014           | 84.7472           | 0.0065                           | 7.8902               | 7.8967                   | 6.9930           |                                |                                 | 37.0130                                  | 46.7993                              |                                              |                                       |                     |
| 30/07/2014           | 85.0387           | 0.0073                           | 6.5967               | 6.6039                   | 7.0390           |                                |                                 | 37.1677                                  | 47.0348                              |                                              |                                       |                     |
| 31/07/2014           | 85.0869           | 0.0032                           | 6.6234               | 6.6265                   | 7.3010           |                                |                                 | 37.3549                                  | 47.2759                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 83.6882 | 0.0019 | 6.0142 | 6.0175 | 6.4680 |  |  | 36.7588 | 46.3760 |  |
| Promedio   | 84.8941 | 0.0059 | 7.1091 | 7.1150 | 7.1891 |  |  | 37.3509 | 47.2094 |  |
| Máximo     | 85.9644 | 0.0192 | 8.9305 | 8.9350 | 8.0490 |  |  | 38.2389 | 48.3091 |  |
| Desv. Est. | 0.5706  | 0.0044 | 0.7463 | 0.7474 | 0.4340 |  |  | 0.3714  | 0.4673  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Caseta Gral. Pajaritos          |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 91.2235           | 0.0795                           | 5.2578               | 5.3373                   | 3.2460           |                                |                                 | 36.8320                                  | 47.7195                              |                                              |                                       |                     |
| 02/07/2014           | 91.6991           | 0.0810                           | 5.2012               | 5.2821                   | 2.8470           |                                |                                 | 36.8256                                  | 47.7440                              |                                              |                                       |                     |
| 03/07/2014           | 91.3240           | 0.0830                           | 5.2530               | 5.3360                   | 3.1210           |                                |                                 | 36.7720                                  | 47.6766                              |                                              |                                       |                     |
| 04/07/2014           | 91.4550           | 0.0830                           | 5.1470               | 5.2300                   | 3.1010           |                                |                                 | 36.8020                                  | 47.7394                              |                                              |                                       |                     |
| 05/07/2014           | 91.4960           | 0.0840                           | 5.1410               | 5.2250                   | 3.0770           |                                |                                 | 36.7910                                  | 47.7355                              |                                              |                                       |                     |
| 06/07/2014           | 91.4820           | 0.0840                           | 5.1370               | 5.2210                   | 3.0940           |                                |                                 | 36.7970                                  | 47.7407                              |                                              |                                       |                     |
| 07/07/2014           | 91.8160           | 0.0870                           | 5.2320               | 5.3190                   | 2.8520           |                                |                                 | 36.5720                                  | 47.5621                              |                                              |                                       |                     |
| 08/07/2014           | 91.9960           | 0.1100                           | 5.1340               | 5.2440                   | 2.7430           |                                |                                 | 36.5710                                  | 47.5881                              |                                              |                                       |                     |
| 09/07/2014           | 91.6232           | 0.0581                           | 4.9301               | 4.9882                   | 3.1400           |                                |                                 | 37.0223                                  | 47.9898                              |                                              |                                       |                     |
| 10/07/2014           | 92.3907           | 0.0523                           | 4.9579               | 5.0102                   | 2.4790           |                                |                                 | 36.7133                                  | 47.7930                              |                                              |                                       |                     |
| 11/07/2014           | 91.9285           | 0.0713                           | 4.8520               | 4.9233                   | 2.9560           |                                |                                 | 36.9269                                  | 47.9570                              |                                              |                                       |                     |
| 12/07/2014           | 92.2135           | 0.0550                           | 5.2111               | 5.2660                   | 2.3900           |                                |                                 | 36.6250                                  | 47.6316                              |                                              |                                       |                     |
| 13/07/2014           | 91.6951           | 0.0403                           | 5.3115               | 5.3518                   | 2.7820           |                                |                                 | 36.7165                                  | 47.6510                              |                                              |                                       |                     |
| 14/07/2014           | 91.6384           | 0.0649                           | 5.3431               | 5.4080                   | 2.8100           |                                |                                 | 36.6603                                  | 47.5880                              |                                              |                                       |                     |
| 15/07/2014           | 92.3447           | 0.0423                           | 5.0817               | 5.1240                   | 2.3820           |                                |                                 | 36.6449                                  | 47.7071                              |                                              |                                       |                     |
| 16/07/2014           | 91.4590           | 0.0109                           | 5.2000               | 5.2109                   | 3.1530           |                                |                                 | 36.8514                                  | 47.8003                              |                                              |                                       |                     |
| 17/07/2014           | 91.2344           | 0.0000                           | 5.2056               | 5.2056                   | 3.3500           |                                |                                 | 36.9344                                  | 47.8564                              |                                              |                                       |                     |
| 18/07/2014           | 92.0584           | 0.0000                           | 5.1164               | 5.1164                   | 2.6810           |                                |                                 | 36.7043                                  | 47.7525                              |                                              |                                       |                     |
| 19/07/2014           | 92.2980           | 0.0990                           | 5.1430               | 5.2420                   | 2.4500           |                                |                                 | 36.4850                                  | 47.5392                              |                                              |                                       |                     |
| 20/07/2014           | 92.3130           | 0.1510                           | 5.1180               | 5.2690                   | 2.4080           |                                |                                 | 36.4630                                  | 47.5027                              |                                              |                                       |                     |
| 21/07/2014           | 92.8219           | 0.0155                           | 5.2820               | 5.2975                   | 1.8370           |                                |                                 | 36.3350                                  | 47.4458                              |                                              |                                       |                     |
| 22/07/2014           | 92.4209           | 0.0703                           | 5.2345               | 5.3048                   | 2.2390           |                                |                                 | 36.4413                                  | 47.4958                              |                                              |                                       |                     |
| 23/07/2014           | 88.0326           | 0.0749                           | 5.2243               | 5.2992                   | 6.5010           |                                |                                 | 37.7363                                  | 48.2835                              |                                              |                                       |                     |
| 24/07/2014           | 89.5809           | 0.0737                           | 4.7738               | 4.8475                   | 5.4460           |                                |                                 | 37.5821                                  | 48.3831                              |                                              |                                       |                     |
| 25/07/2014           | 92.2715           | 0.0274                           | 4.6486               | 4.6760                   | 2.9940           |                                |                                 | 36.9113                                  | 48.0614                              |                                              |                                       |                     |
| 26/07/2014           | 92.0668           | 0.0286                           | 4.7048               | 4.7334                   | 3.1400           |                                |                                 | 36.9311                                  | 48.0484                              |                                              |                                       |                     |
| 27/07/2014           | 92.5194           | 0.0222                           | 4.9430               | 4.9651                   | 2.4770           |                                |                                 | 36.6422                                  | 47.7747                              |                                              |                                       |                     |
| 28/07/2014           | 90.8755           | 0.0631                           | 4.8846               | 4.9478                   | 4.1070           |                                |                                 | 37.1318                                  | 48.0709                              |                                              |                                       |                     |
| 29/07/2014           | 91.9644           | 0.0169                           | 4.9368               | 4.9537                   | 3.0320           |                                |                                 | 36.8095                                  | 47.8823                              |                                              |                                       |                     |
| 30/07/2014           | 93.2467           | 0.0007                           | 4.9266               | 4.9273                   | 1.7910           |                                |                                 | 36.4565                                  | 47.6829                              |                                              |                                       |                     |
| 31/07/2014           | 93.1294           | 0.0030                           | 5.0005               | 5.0035                   | 1.8350           |                                |                                 | 36.4368                                  | 47.6374                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 88.0326 | 0.0000 | 4.6486 | 4.6760 | 1.7910 |  |  | 36.3350 | 47.4458 |  |
| Promedio   | 91.7619 | 0.0559 | 5.0817 | 5.1376 | 2.9826 |  |  | 36.7782 | 47.7755 |  |
| Máximo     | 93.2467 | 0.1510 | 5.3431 | 5.4080 | 6.5010 |  |  | 37.7363 | 48.3831 |  |
| Desv. Est. | 0.9813  | 0.0368 | 0.1820 | 0.1939 | 0.9442 |  |  | 0.3020  | 0.2228  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Pajaritos                       |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 87.5248           | 0.0365                           | 6.6215               | 6.6580                   | 5.3940           |                                |                                 | 37.0340                                  | 47.2145                              |                                              |                                       |                     |
| 02/07/2014           | 87.9301           | 0.0440                           | 6.2338               | 6.2778                   | 5.3650           |                                |                                 | 37.1617                                  | 47.4402                              |                                              |                                       |                     |
| 03/07/2014           | 87.6790           | 0.0470                           | 6.5040               | 6.5510                   | 5.3630           |                                |                                 | 37.0610                                  | 47.3522                              |                                              |                                       |                     |
| 04/07/2014           | 87.7280           | 0.0460                           | 6.4870               | 6.5330                   | 5.3310           |                                |                                 | 37.0590                                  | 47.3584                              |                                              |                                       |                     |
| 05/07/2014           | 87.7340           | 0.0460                           | 6.4870               | 6.5330                   | 5.3280           |                                |                                 | 37.0570                                  | 47.3573                              |                                              |                                       |                     |
| 06/07/2014           | 87.7010           | 0.0460                           | 6.5110               | 6.5570                   | 5.3390           |                                |                                 | 37.0500                                  | 47.3434                              |                                              |                                       |                     |
| 07/07/2014           | 90.9980           | 0.1090                           | 5.4170               | 5.5260                   | 3.4550           |                                |                                 | 36.6680                                  | 47.5267                              |                                              |                                       |                     |
| 08/07/2014           | 91.3610           | 0.1020                           | 5.2180               | 5.3200                   | 3.2750           |                                |                                 | 36.7090                                  | 47.6413                              |                                              |                                       |                     |
| 09/07/2014           | 89.5485           | 0.0569                           | 4.7378               | 4.7946                   | 5.2230           |                                |                                 | 37.6246                                  | 48.3411                              |                                              |                                       |                     |
| 10/07/2014           | 90.3930           | 0.0918                           | 4.8552               | 4.9470                   | 4.1790           |                                |                                 | 37.4189                                  | 48.2372                              |                                              |                                       |                     |
| 11/07/2014           | 90.4968           | 0.0919                           | 4.8410               | 4.9329                   | 4.1280           |                                |                                 | 37.3768                                  | 48.2099                              |                                              |                                       |                     |
| 12/07/2014           | 90.2293           | 0.0853                           | 5.0918               | 5.1770                   | 4.1280           |                                |                                 | 37.3016                                  | 48.0704                              |                                              |                                       |                     |
| 13/07/2014           | 89.9122           | 0.0848                           | 5.1968               | 5.2816                   | 4.3020           |                                |                                 | 37.3373                                  | 48.0479                              |                                              |                                       |                     |
| 14/07/2014           | 89.9730           | 0.0874                           | 5.2387               | 5.3261                   | 4.2270           |                                |                                 | 37.2803                                  | 47.9939                              |                                              |                                       |                     |
| 15/07/2014           | 90.6190           | 0.0828                           | 4.9651               | 5.0479                   | 3.9000           |                                |                                 | 37.2679                                  | 48.1052                              |                                              |                                       |                     |
| 16/07/2014           | 89.8118           | 0.0278                           | 5.1007               | 5.1285                   | 4.6110           |                                |                                 | 37.4464                                  | 48.1917                              |                                              |                                       |                     |
| 17/07/2014           | 89.4085           | 0.0200                           | 5.4665               | 5.4865                   | 4.6520           |                                |                                 | 37.3275                                  | 47.9726                              |                                              |                                       |                     |
| 18/07/2014           | 89.6201           | 0.0044                           | 5.2566               | 5.2610                   | 4.6160           |                                |                                 | 37.4880                                  | 48.1460                              |                                              |                                       |                     |
| 19/07/2014           | 89.1865           | 0.0000                           | 5.6468               | 5.6468                   | 4.7270           |                                |                                 | 37.2797                                  | 47.8823                              |                                              |                                       |                     |
| 20/07/2014           | 88.2969           | 0.0412                           | 6.1347               | 6.1759                   | 5.0770           |                                |                                 | 37.1752                                  | 47.5880                              |                                              |                                       |                     |
| 21/07/2014           | 89.6400           | 0.0714                           | 5.6491               | 5.7205                   | 4.1370           |                                |                                 | 37.1468                                  | 47.7147                              |                                              |                                       |                     |
| 22/07/2014           | 88.9595           | 0.0667                           | 6.0160               | 6.0827                   | 4.5120           |                                |                                 | 37.0213                                  | 47.4557                              |                                              |                                       |                     |
| 23/07/2014           | 88.1087           | 0.0584                           | 6.1069               | 6.1653                   | 5.1600           |                                |                                 | 37.2190                                  | 47.5442                              |                                              |                                       |                     |
| 24/07/2014           | 89.6355           | 0.0583                           | 5.4353               | 5.4936                   | 4.4520           |                                |                                 | 37.2294                                  | 47.8637                              |                                              |                                       |                     |
| 25/07/2014           | 89.6834           | 0.0591                           | 5.3463               | 5.4054                   | 4.4780           |                                |                                 | 37.2933                                  | 47.9548                              |                                              |                                       |                     |
| 26/07/2014           | 90.0033           | 0.0378                           | 5.2731               | 5.3109                   | 4.2970           |                                |                                 | 37.2380                                  | 47.9473                              |                                              |                                       |                     |
| 27/07/2014           | 89.7225           | 0.0444                           | 5.3145               | 5.3589                   | 4.4990           |                                |                                 | 37.2964                                  | 47.9497                              |                                              |                                       |                     |
| 28/07/2014           | 89.9486           | 0.0706                           | 5.2364               | 5.3070                   | 4.3480           |                                |                                 | 37.2623                                  | 47.9674                              |                                              |                                       |                     |
| 29/07/2014           | 89.6257           | 0.0316                           | 5.4666               | 5.4982                   | 4.4580           |                                |                                 | 37.2284                                  | 47.8425                              |                                              |                                       |                     |
| 30/07/2014           | 89.6665           | 0.0354                           | 5.5516               | 5.5870                   | 4.3320           |                                |                                 | 37.1582                                  | 47.7752                              |                                              |                                       |                     |
| 31/07/2014           | 90.0937           | 0.0203                           | 5.3096               | 5.3299                   | 4.2140           |                                |                                 | 37.1708                                  | 47.8798                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 87.5248 | 0.0000 | 4.7378 | 4.7946 | 3.2750 |  |  | 36.6680 | 47.2145 |  |
| Promedio   | 89.3948 | 0.0550 | 5.5715 | 5.6265 | 4.5647 |  |  | 37.2061 | 47.8037 |  |
| Máximo     | 91.3610 | 0.1090 | 6.6215 | 6.6580 | 5.3940 |  |  | 37.6246 | 48.3411 |  |
| Desv. Est. | 1.0548  | 0.0278 | 0.5559 | 0.5475 | 0.5595 |  |  | 0.1969  | 0.3133  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Ramones                         |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 94.5688           | 1.0632                           | 0.2080               | 1.2713                   | 4.0100           |                                |                                 | 38.5448                                  | 50.2956                              |                                              |                                       |                     |
| 02/07/2014           | 94.6129           | 1.0711                           | 0.2043               | 1.2754                   | 3.9570           |                                |                                 | 38.5320                                  | 50.2845                              |                                              |                                       |                     |
| 03/07/2014           | 94.6470           | 1.0697                           | 0.2074               | 1.2771                   | 3.9000           |                                |                                 | 38.5291                                  | 50.2822                              |                                              |                                       |                     |
| 04/07/2014           | 94.6318           | 1.0573                           | 0.2056               | 1.2629                   | 3.9240           |                                |                                 | 38.5449                                  | 50.3007                              |                                              |                                       |                     |
| 05/07/2014           | 94.6164           | 1.0517                           | 0.2078               | 1.2595                   | 3.9650           |                                |                                 | 38.5427                                  | 50.3024                              |                                              |                                       |                     |
| 06/07/2014           | 94.6389           | 1.0673                           | 0.2079               | 1.2752                   | 3.9260           |                                |                                 | 38.5267                                  | 50.2824                              |                                              |                                       |                     |
| 07/07/2014           | 94.5829           | 1.0733                           | 0.2055               | 1.2789                   | 3.9820           |                                |                                 | 38.5371                                  | 50.2854                              |                                              |                                       |                     |
| 08/07/2014           | 94.5646           | 1.1129                           | 0.2107               | 1.3236                   | 3.9670           |                                |                                 | 38.5086                                  | 50.2395                              |                                              |                                       |                     |
| 09/07/2014           | 94.4320           | 1.1052                           | 0.1988               | 1.3040                   | 4.0980           |                                |                                 | 38.5692                                  | 50.2849                              |                                              |                                       |                     |
| 10/07/2014           | 94.4403           | 1.0848                           | 0.1978               | 1.2826                   | 4.0850           |                                |                                 | 38.5914                                  | 50.3125                              |                                              |                                       |                     |
| 11/07/2014           | 94.4884           | 1.0567                           | 0.2010               | 1.2577                   | 4.0820           |                                |                                 | 38.5827                                  | 50.3249                              |                                              |                                       |                     |
| 12/07/2014           | 94.3208           | 1.0615                           | 0.1990               | 1.2606                   | 4.2210           |                                |                                 | 38.6353                                  | 50.3525                              |                                              |                                       |                     |
| 13/07/2014           | 94.4403           | 1.0848                           | 0.1978               | 1.2826                   | 4.0850           |                                |                                 | 38.5905                                  | 50.3113                              |                                              |                                       |                     |
| 14/07/2014           | 94.4884           | 1.0567                           | 0.2010               | 1.2577                   | 4.0820           |                                |                                 | 38.5827                                  | 50.3249                              |                                              |                                       |                     |
| 15/07/2014           | 94.6476           | 1.0914                           | 0.2101               | 1.3015                   | 3.9380           |                                |                                 | 38.4855                                  | 50.2415                              |                                              |                                       |                     |
| 16/07/2014           | 94.6231           | 1.0792                           | 0.2082               | 1.2873                   | 3.9740           |                                |                                 | 38.5038                                  | 50.2612                              |                                              |                                       |                     |
| 17/07/2014           | 94.6395           | 1.0979                           | 0.2103               | 1.3081                   | 3.9250           |                                |                                 | 38.4898                                  | 50.2392                              |                                              |                                       |                     |
| 18/07/2014           | 94.3903           | 1.0697                           | 0.2057               | 1.2754                   | 4.1910           |                                |                                 | 38.5882                                  | 50.3170                              |                                              |                                       |                     |
| 19/07/2014           | 94.3545           | 1.0913                           | 0.2074               | 1.2988                   | 4.1700           |                                |                                 | 38.5951                                  | 50.3052                              |                                              |                                       |                     |
| 20/07/2014           | 94.4131           | 1.0537                           | 0.2096               | 1.2633                   | 4.1710           |                                |                                 | 38.5930                                  | 50.3290                              |                                              |                                       |                     |
| 21/07/2014           | 94.3365           | 1.0667                           | 0.2075               | 1.2741                   | 4.2200           |                                |                                 | 38.6153                                  | 50.3339                              |                                              |                                       |                     |
| 22/07/2014           | 94.2808           | 1.0799                           | 0.2030               | 1.2829                   | 4.2970           |                                |                                 | 38.6110                                  | 50.3245                              |                                              |                                       |                     |
| 23/07/2014           | 94.2636           | 1.0775                           | 0.2040               | 1.2815                   | 4.3210           |                                |                                 | 38.6149                                  | 50.3279                              |                                              |                                       |                     |
| 24/07/2014           | 94.3277           | 1.0653                           | 0.2047               | 1.2700                   | 4.2640           |                                |                                 | 38.6128                                  | 50.3346                              |                                              |                                       |                     |
| 25/07/2014           | 94.4219           | 1.0590                           | 0.2018               | 1.2608                   | 4.1660           |                                |                                 | 38.5976                                  | 50.3315                              |                                              |                                       |                     |
| 26/07/2014           | 94.4065           | 1.0948                           | 0.2060               | 1.3008                   | 4.1110           |                                |                                 | 38.5871                                  | 50.2987                              |                                              |                                       |                     |
| 27/07/2014           | 94.3889           | 1.0979                           | 0.2021               | 1.3000                   | 4.1260           |                                |                                 | 38.5925                                  | 50.3015                              |                                              |                                       |                     |
| 28/07/2014           | 94.3060           | 1.0742                           | 0.2053               | 1.2795                   | 4.2500           |                                |                                 | 38.6251                                  | 50.3352                              |                                              |                                       |                     |
| 29/07/2014           | 94.3034           | 1.0886                           | 0.2050               | 1.2937                   | 4.2840           |                                |                                 | 38.5955                                  | 50.3087                              |                                              |                                       |                     |
| 30/07/2014           | 94.3255           | 1.0807                           | 0.2042               | 1.2849                   | 4.2670           |                                |                                 | 38.5965                                  | 50.3150                              |                                              |                                       |                     |
| 31/07/2014           | 94.4136           | 1.0805                           | 0.2080               | 1.2885                   | 4.1830           |                                |                                 | 38.5657                                  | 50.2959                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 94.2636 | 1.0517 | 0.1978 | 1.2577 | 3.9000 |  |  | 38.4855 | 50.2392 |  |
| Promedio   | 94.4618 | 1.0763 | 0.2050 | 1.2813 | 4.1014 |  |  | 38.5705 | 50.3027 |  |
| Máximo     | 94.6476 | 1.1129 | 0.2107 | 1.3236 | 4.3210 |  |  | 38.6353 | 50.3525 |  |
| Desv. Est. | 0.1289  | 0.0159 | 0.0037 | 0.0166 | 0.1306 |  |  | 0.0409  | 0.0289  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Escobedo Alta                   |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 94.5688           | 1.0632                           | 0.2080               | 1.2713                   | 4.0100           |                                |                                 | 38.5448                                  | 50.2956                              |                                              |                                       |                     |
| 02/07/2014           | 94.6129           | 1.0711                           | 0.2043               | 1.2754                   | 3.9570           |                                |                                 | 38.5320                                  | 50.2845                              |                                              |                                       |                     |
| 03/07/2014           | 94.6470           | 1.0697                           | 0.2074               | 1.2771                   | 3.9000           |                                |                                 | 38.5291                                  | 50.2822                              |                                              |                                       |                     |
| 04/07/2014           | 94.6318           | 1.0573                           | 0.2056               | 1.2629                   | 3.9240           |                                |                                 | 38.5449                                  | 50.3007                              |                                              |                                       |                     |
| 05/07/2014           | 94.6164           | 1.0517                           | 0.2078               | 1.2595                   | 3.9650           |                                |                                 | 38.5427                                  | 50.3024                              |                                              |                                       |                     |
| 06/07/2014           | 94.6389           | 1.0673                           | 0.2079               | 1.2752                   | 3.9260           |                                |                                 | 38.5267                                  | 50.2824                              |                                              |                                       |                     |
| 07/07/2014           | 94.5829           | 1.0733                           | 0.2055               | 1.2789                   | 3.9820           |                                |                                 | 38.5371                                  | 50.2854                              |                                              |                                       |                     |
| 08/07/2014           | 94.5646           | 1.1129                           | 0.2107               | 1.3236                   | 3.9670           |                                |                                 | 38.5086                                  | 50.2395                              |                                              |                                       |                     |
| 09/07/2014           | 94.4320           | 1.1052                           | 0.1988               | 1.3040                   | 4.0980           |                                |                                 | 38.5692                                  | 50.2849                              |                                              |                                       |                     |
| 10/07/2014           | 94.4403           | 1.0848                           | 0.1978               | 1.2826                   | 4.0850           |                                |                                 | 38.5914                                  | 50.3125                              |                                              |                                       |                     |
| 11/07/2014           | 94.4884           | 1.0567                           | 0.2010               | 1.2577                   | 4.0820           |                                |                                 | 38.5827                                  | 50.3249                              |                                              |                                       |                     |
| 12/07/2014           | 94.3208           | 1.0615                           | 0.1990               | 1.2606                   | 4.2210           |                                |                                 | 38.6353                                  | 50.3525                              |                                              |                                       |                     |
| 13/07/2014           | 94.4403           | 1.0848                           | 0.1978               | 1.2826                   | 4.0850           |                                |                                 | 38.5905                                  | 50.3113                              |                                              |                                       |                     |
| 14/07/2014           | 94.4884           | 1.0567                           | 0.2010               | 1.2577                   | 4.0820           |                                |                                 | 38.5827                                  | 50.3249                              |                                              |                                       |                     |
| 15/07/2014           | 94.6476           | 1.0914                           | 0.2101               | 1.3015                   | 3.9380           |                                |                                 | 38.4855                                  | 50.2415                              |                                              |                                       |                     |
| 16/07/2014           | 94.6231           | 1.0792                           | 0.2082               | 1.2873                   | 3.9740           |                                |                                 | 38.5038                                  | 50.2612                              |                                              |                                       |                     |
| 17/07/2014           | 94.6395           | 1.0979                           | 0.2103               | 1.3081                   | 3.9250           |                                |                                 | 38.4898                                  | 50.2392                              |                                              |                                       |                     |
| 18/07/2014           | 94.3903           | 1.0697                           | 0.2057               | 1.2754                   | 4.1910           |                                |                                 | 38.5882                                  | 50.3170                              |                                              |                                       |                     |
| 19/07/2014           | 94.3545           | 1.0913                           | 0.2074               | 1.2988                   | 4.1700           |                                |                                 | 38.5951                                  | 50.3052                              |                                              |                                       |                     |
| 20/07/2014           | 94.4131           | 1.0537                           | 0.2096               | 1.2633                   | 4.1710           |                                |                                 | 38.5930                                  | 50.3290                              |                                              |                                       |                     |
| 21/07/2014           | 94.3365           | 1.0667                           | 0.2075               | 1.2741                   | 4.2200           |                                |                                 | 38.6153                                  | 50.3339                              |                                              |                                       |                     |
| 22/07/2014           | 94.2808           | 1.0799                           | 0.2030               | 1.2829                   | 4.2970           |                                |                                 | 38.6110                                  | 50.3245                              |                                              |                                       |                     |
| 23/07/2014           | 94.2636           | 1.0775                           | 0.2040               | 1.2815                   | 4.3210           |                                |                                 | 38.6149                                  | 50.3279                              |                                              |                                       |                     |
| 24/07/2014           | 94.3277           | 1.0653                           | 0.2047               | 1.2700                   | 4.2640           |                                |                                 | 38.6128                                  | 50.3346                              |                                              |                                       |                     |
| 25/07/2014           | 94.4219           | 1.0590                           | 0.2018               | 1.2608                   | 4.1660           |                                |                                 | 38.5976                                  | 50.3315                              |                                              |                                       |                     |
| 26/07/2014           | 94.4065           | 1.0948                           | 0.2060               | 1.3008                   | 4.1110           |                                |                                 | 38.5871                                  | 50.2987                              |                                              |                                       |                     |
| 27/07/2014           | 94.3889           | 1.0979                           | 0.2021               | 1.3000                   | 4.1260           |                                |                                 | 38.5925                                  | 50.3015                              |                                              |                                       |                     |
| 28/07/2014           | 94.3060           | 1.0742                           | 0.2053               | 1.2795                   | 4.2500           |                                |                                 | 38.6251                                  | 50.3352                              |                                              |                                       |                     |
| 29/07/2014           | 94.3034           | 1.0886                           | 0.2050               | 1.2937                   | 4.2840           |                                |                                 | 38.5955                                  | 50.3087                              |                                              |                                       |                     |
| 30/07/2014           | 94.3255           | 1.0807                           | 0.2042               | 1.2849                   | 4.2670           |                                |                                 | 38.5965                                  | 50.3150                              |                                              |                                       |                     |
| 31/07/2014           | 94.4136           | 1.0805                           | 0.2080               | 1.2885                   | 4.1830           |                                |                                 | 38.5657                                  | 50.2959                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 94.2636 | 1.0517 | 0.1978 | 1.2577 | 3.9000 |  |  | 38.4855 | 50.2392 |  |
| Promedio   | 94.4618 | 1.0763 | 0.2050 | 1.2813 | 4.1014 |  |  | 38.5705 | 50.3027 |  |
| Máximo     | 94.6476 | 1.1129 | 0.2107 | 1.3236 | 4.3210 |  |  | 38.6353 | 50.3525 |  |
| Desv. Est. | 0.1289  | 0.0159 | 0.0037 | 0.0166 | 0.1306 |  |  | 0.0409  | 0.0289  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Escobedo Baja                   |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 94.8443           | 1.3792                           | 0.1768               | 1.5560                   | 3.3060           |                                |                    | 38.3481                     | 49.9782                 |                                 |                          |                     |
| 02/07/2014           | 94.8290           | 1.4374                           | 0.1765               | 1.6139                   | 3.2540           |                                |                    | 38.3170                     | 49.9205                 |                                 |                          |                     |
| 03/07/2014           | 94.9500           | 1.3973                           | 0.1760               | 1.5733                   | 3.1610           |                                |                    | 38.3148                     | 49.9468                 |                                 |                          |                     |
| 04/07/2014           | 94.9105           | 1.4373                           | 0.1745               | 1.6118                   | 3.1580           |                                |                    | 38.3022                     | 49.9128                 |                                 |                          |                     |
| 05/07/2014           | 94.9774           | 1.4181                           | 0.1727               | 1.5908                   | 3.1350           |                                |                    | 38.2866                     | 49.9178                 |                                 |                          |                     |
| 06/07/2014           | 95.0165           | 1.3808                           | 0.1746               | 1.5555                   | 3.1480           |                                |                    | 38.2912                     | 49.9451                 |                                 |                          |                     |
| 07/07/2014           | 94.9898           | 1.3774                           | 0.1763               | 1.5537                   | 3.1760           |                                |                    | 38.2998                     | 49.9518                 |                                 |                          |                     |
| 08/07/2014           | 94.8209           | 1.3764                           | 0.1798               | 1.5561                   | 3.3560           |                                |                    | 38.3405                     | 49.9746                 |                                 |                          |                     |
| 09/07/2014           | 94.7911           | 1.3895                           | 0.1760               | 1.5654                   | 3.3730           |                                |                    | 38.3444                     | 49.9697                 |                                 |                          |                     |
| 10/07/2014           | 94.7405           | 1.3942                           | 0.1790               | 1.5732                   | 3.4240           |                                |                    | 38.3513                     | 49.9697                 |                                 |                          |                     |
| 11/07/2014           | 94.7798           | 1.4800                           | 0.1765               | 1.6565                   | 3.3030           |                                |                    | 38.2838                     | 49.8725                 |                                 |                          |                     |
| 12/07/2014           | 94.9464           | 1.3998                           | 0.1756               | 1.5754                   | 3.2100           |                                |                    | 38.2939                     | 49.9334                 |                                 |                          |                     |
| 13/07/2014           | 95.2295           | 1.4324                           | 0.1711               | 1.6035                   | 2.8460           |                                |                    | 38.2290                     | 49.8749                 |                                 |                          |                     |
| 14/07/2014           | 94.9090           | 1.4143                           | 0.1805               | 1.5948                   | 3.2320           |                                |                    | 38.2996                     | 49.9245                 |                                 |                          |                     |
| 15/07/2014           | 94.8453           | 1.3955                           | 0.1808               | 1.5762                   | 3.3380           |                                |                    | 38.3102                     | 49.9437                 |                                 |                          |                     |
| 16/07/2014           | 94.8003           | 1.4448                           | 0.1790               | 1.6238                   | 3.3590           |                                |                    | 38.2800                     | 49.8935                 |                                 |                          |                     |
| 17/07/2014           | 94.8655           | 1.4015                           | 0.1760               | 1.5776                   | 3.3070           |                                |                    | 38.3060                     | 49.9393                 |                                 |                          |                     |
| 18/07/2014           | 94.7059           | 1.3848                           | 0.1826               | 1.5674                   | 3.4500           |                                |                    | 38.3679                     | 49.9832                 |                                 |                          |                     |
| 19/07/2014           | 94.6975           | 1.4037                           | 0.1821               | 1.5858                   | 3.4560           |                                |                    | 38.3530                     | 49.9622                 |                                 |                          |                     |
| 20/07/2014           | 94.7852           | 1.4390                           | 0.1783               | 1.6173                   | 3.3170           |                                |                    | 38.3160                     | 49.9181                 |                                 |                          |                     |
| 21/07/2014           | 94.7675           | 1.4048                           | 0.1797               | 1.5845                   | 3.3760           |                                |                    | 38.3385                     | 49.9539                 |                                 |                          |                     |
| 22/07/2014           | 94.7555           | 1.3961                           | 0.1791               | 1.5753                   | 3.4070           |                                |                    | 38.3437                     | 49.9631                 |                                 |                          |                     |
| 23/07/2014           | 94.4843           | 1.3433                           | 0.1905               | 1.5338                   | 3.7740           |                                |                    | 38.4246                     | 50.0413                 |                                 |                          |                     |
| 24/07/2014           | 94.5324           | 1.3044                           | 0.1975               | 1.5019                   | 3.7220           |                                |                    | 38.4623                     | 50.0862                 |                                 |                          |                     |
| 25/07/2014           | 94.6790           | 1.3343                           | 0.1895               | 1.5238                   | 3.5310           |                                |                    | 38.4183                     | 50.0439                 |                                 |                          |                     |
| 26/07/2014           | 94.9018           | 1.4715                           | 0.1725               | 1.6440                   | 3.0820           |                                |                    | 38.3336                     | 49.9078                 |                                 |                          |                     |
| 27/07/2014           | 94.8728           | 1.4088                           | 0.1753               | 1.5841                   | 3.1610           |                                |                    | 38.3874                     | 49.9804                 |                                 |                          |                     |
| 28/07/2014           | 94.7176           | 1.3682                           | 0.1821               | 1.5503                   | 3.4070           |                                |                    | 38.4233                     | 50.0263                 |                                 |                          |                     |
| 29/07/2014           | 94.6769           | 1.3290                           | 0.1834               | 1.5123                   | 3.4830           |                                |                    | 38.4642                     | 50.0762                 |                                 |                          |                     |
| 30/07/2014           | 94.6693           | 1.2768                           | 0.1895               | 1.4663                   | 3.5710           |                                |                    | 38.4750                     | 50.1156                 |                                 |                          |                     |
| 31/07/2014           | 94.6150           | 1.2726                           | 0.1937               | 1.4663                   | 3.6500           |                                |                    | 38.4785                     | 50.1189                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 94.4843 | 1.2726 | 0.1711 | 1.4663 | 2.8460 |  |  | 38.2290 | 49.8725 |  |
| Promedio   | 94.8099 | 1.3901 | 0.1799 | 1.5700 | 3.3378 |  |  | 38.3479 | 49.9692 |  |
| Máximo     | 95.2295 | 1.4800 | 0.1975 | 1.6565 | 3.7740 |  |  | 38.4785 | 50.1189 |  |
| Desv. Est. | 0.1500  | 0.0493 | 0.0063 | 0.0443 | 0.1948 |  |  | 0.0644  | 0.0655  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |
|--------------------|---------------------------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |
| PUNTO DE MEDICIÓN: | CFE CCC Huinala                 |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  |
|                    | PROMEDIO/DIA                    |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 95.9888           | 1.5445                           | 0.1333               | 1.6778                   | 1.7990           |                                |                                 | 38.0457                                  | 49.7078                              |                                              |                                       |                     |
| 02/07/2014           | 95.8932           | 1.6080                           | 0.1331               | 1.7411                   | 1.8360           |                                |                                 | 38.0271                                  | 49.6537                              |                                              |                                       |                     |
| 03/07/2014           | 95.9882           | 1.5320                           | 0.1353               | 1.6673                   | 1.8230           |                                |                                 | 38.0445                                  | 49.7147                              |                                              |                                       |                     |
| 04/07/2014           | 95.9252           | 1.6091                           | 0.1347               | 1.7438                   | 1.7970           |                                |                                 | 38.0172                                  | 49.6464                              |                                              |                                       |                     |
| 05/07/2014           | 96.1095           | 1.5833                           | 0.1308               | 1.7140                   | 1.6710           |                                |                                 | 37.9719                                  | 49.6396                              |                                              |                                       |                     |
| 06/07/2014           | 96.2823           | 1.5899                           | 0.1288               | 1.7187                   | 1.4960           |                                |                                 | 37.9185                                  | 49.6047                              |                                              |                                       |                     |
| 07/07/2014           | 96.2471           | 1.5693                           | 0.1303               | 1.6996                   | 1.5450           |                                |                                 | 37.9440                                  | 49.6330                              |                                              |                                       |                     |
| 08/07/2014           | 96.1050           | 1.5298                           | 0.1323               | 1.6621                   | 1.7230           |                                |                                 | 38.0081                                  | 49.6965                              |                                              |                                       |                     |
| 09/07/2014           | 96.0608           | 1.5538                           | 0.1295               | 1.6833                   | 1.7480           |                                |                                 | 38.0058                                  | 49.6800                              |                                              |                                       |                     |
| 10/07/2014           | 96.0729           | 1.5897                           | 0.1311               | 1.7208                   | 1.7100           |                                |                                 | 37.9725                                  | 49.6356                              |                                              |                                       |                     |
| 11/07/2014           | 96.0177           | 1.7233                           | 0.1312               | 1.8545                   | 1.6500           |                                |                                 | 37.8926                                  | 49.4983                              |                                              |                                       |                     |
| 12/07/2014           | 96.2564           | 1.5285                           | 0.1347               | 1.6632                   | 1.6050           |                                |                                 | 37.9500                                  | 49.6627                              |                                              |                                       |                     |
| 13/07/2014           | 96.2793           | 1.5672                           | 0.1286               | 1.6958                   | 1.5320           |                                |                                 | 37.9311                                  | 49.6278                              |                                              |                                       |                     |
| 14/07/2014           | 96.1003           | 1.6087                           | 0.1275               | 1.7362                   | 1.6700           |                                |                                 | 37.9551                                  | 49.6139                              |                                              |                                       |                     |
| 15/07/2014           | 96.0930           | 1.6308                           | 0.1281               | 1.7590                   | 1.6860           |                                |                                 | 37.9309                                  | 49.5846                              |                                              |                                       |                     |
| 16/07/2014           | 96.0153           | 1.6745                           | 0.1290               | 1.8035                   | 1.7770           |                                |                                 | 37.8951                                  | 49.5339                              |                                              |                                       |                     |
| 17/07/2014           | 96.0695           | 1.5540                           | 0.1288               | 1.6828                   | 1.8040           |                                |                                 | 37.9739                                  | 49.6620                              |                                              |                                       |                     |
| 18/07/2014           | 95.7406           | 1.5467                           | 0.1341               | 1.6808                   | 2.0800           |                                |                                 | 38.0903                                  | 49.7322                              |                                              |                                       |                     |
| 19/07/2014           | 95.8765           | 1.5758                           | 0.1335               | 1.7094                   | 1.9220           |                                |                                 | 38.0327                                  | 49.6789                              |                                              |                                       |                     |
| 20/07/2014           | 95.8875           | 1.6222                           | 0.1325               | 1.7546                   | 1.8630           |                                |                                 | 38.0012                                  | 49.6294                              |                                              |                                       |                     |
| 21/07/2014           | 95.8598           | 1.6293                           | 0.1322               | 1.7615                   | 1.8950           |                                |                                 | 37.9995                                  | 49.6239                              |                                              |                                       |                     |
| 22/07/2014           | 95.8713           | 1.5985                           | 0.1341               | 1.7327                   | 1.9390           |                                |                                 | 38.0034                                  | 49.6463                              |                                              |                                       |                     |
| 23/07/2014           | 95.5950           | 1.5545                           | 0.1376               | 1.6921                   | 2.2610           |                                |                                 | 38.1058                                  | 49.7345                              |                                              |                                       |                     |
| 24/07/2014           | 95.5622           | 1.3836                           | 0.1650               | 1.5486                   | 2.4690           |                                |                                 | 38.1940                                  | 49.8909                              |                                              |                                       |                     |
| 25/07/2014           | 96.0099           | 1.5139                           | 0.1391               | 1.6530                   | 1.8270           |                                |                                 | 38.1413                                  | 49.7816                              |                                              |                                       |                     |
| 26/07/2014           | 96.0090           | 1.6103                           | 0.1298               | 1.7400                   | 1.7040           |                                |                                 | 38.1178                                  | 49.7061                              |                                              |                                       |                     |
| 27/07/2014           | 95.9103           | 1.5419                           | 0.1357               | 1.6776                   | 1.8500           |                                |                                 | 38.2023                                  | 49.7989                              |                                              |                                       |                     |
| 28/07/2014           | 95.7802           | 1.5544                           | 0.1392               | 1.6936                   | 1.9950           |                                |                                 | 38.2074                                  | 49.7921                              |                                              |                                       |                     |
| 29/07/2014           | 95.7298           | 1.4666                           | 0.1407               | 1.6073                   | 2.1190           |                                |                                 | 38.2973                                  | 49.9032                              |                                              |                                       |                     |
| 30/07/2014           | 95.7946           | 1.3703                           | 0.1505               | 1.5208                   | 2.1720           |                                |                                 | 38.3025                                  | 49.9681                              |                                              |                                       |                     |
| 31/07/2014           | 96.0611           | 1.3745                           | 0.1460               | 1.5205                   | 1.8630           |                                |                                 | 38.2583                                  | 49.9412                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 95.5622 | 1.3703 | 0.1275 | 1.5205 | 1.4960 |  |  | 37.8926 | 49.4983 |  |
| Promedio   | 95.9739 | 1.5593 | 0.1347 | 1.6941 | 1.8333 |  |  | 38.0464 | 49.6975 |  |
| Máximo     | 96.2823 | 1.7233 | 0.1650 | 1.8545 | 2.4690 |  |  | 38.3025 | 49.9681 |  |
| Desv. Est. | 0.1825  | 0.0781 | 0.0076 | 0.0722 | 0.2161 |  |  | 0.1168  | 0.1115  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Apodaca                         |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 94.8443           | 1.3792                           | 0.1768               | 1.5560                   | 3.3060           |                                |                    | 38.3481                     | 49.9782                 |                                 |                          |                     |
| 02/07/2014           | 94.8290           | 1.4374                           | 0.1765               | 1.6139                   | 3.2540           |                                |                    | 38.3170                     | 49.9205                 |                                 |                          |                     |
| 03/07/2014           | 94.9500           | 1.3973                           | 0.1760               | 1.5733                   | 3.1610           |                                |                    | 38.3148                     | 49.9468                 |                                 |                          |                     |
| 04/07/2014           | 94.9105           | 1.4373                           | 0.1745               | 1.6118                   | 3.1580           |                                |                    | 38.3022                     | 49.9128                 |                                 |                          |                     |
| 05/07/2014           | 94.9774           | 1.4181                           | 0.1727               | 1.5908                   | 3.1350           |                                |                    | 38.2866                     | 49.9178                 |                                 |                          |                     |
| 06/07/2014           | 95.0165           | 1.3808                           | 0.1746               | 1.5555                   | 3.1480           |                                |                    | 38.2912                     | 49.9451                 |                                 |                          |                     |
| 07/07/2014           | 94.9898           | 1.3774                           | 0.1763               | 1.5537                   | 3.1760           |                                |                    | 38.2998                     | 49.9518                 |                                 |                          |                     |
| 08/07/2014           | 94.8209           | 1.3764                           | 0.1798               | 1.5561                   | 3.3560           |                                |                    | 38.3405                     | 49.9746                 |                                 |                          |                     |
| 09/07/2014           | 94.7911           | 1.3895                           | 0.1760               | 1.5654                   | 3.3730           |                                |                    | 38.3444                     | 49.9697                 |                                 |                          |                     |
| 10/07/2014           | 94.7405           | 1.3942                           | 0.1790               | 1.5732                   | 3.4240           |                                |                    | 38.3513                     | 49.9697                 |                                 |                          |                     |
| 11/07/2014           | 94.7798           | 1.4800                           | 0.1765               | 1.6565                   | 3.3030           |                                |                    | 38.2838                     | 49.8725                 |                                 |                          |                     |
| 12/07/2014           | 94.9464           | 1.3998                           | 0.1756               | 1.5754                   | 3.2100           |                                |                    | 38.2939                     | 49.9334                 |                                 |                          |                     |
| 13/07/2014           | 95.2295           | 1.4324                           | 0.1711               | 1.6035                   | 2.8460           |                                |                    | 38.2290                     | 49.8749                 |                                 |                          |                     |
| 14/07/2014           | 94.9090           | 1.4143                           | 0.1805               | 1.5948                   | 3.2320           |                                |                    | 38.2996                     | 49.9245                 |                                 |                          |                     |
| 15/07/2014           | 94.8453           | 1.3955                           | 0.1808               | 1.5762                   | 3.3380           |                                |                    | 38.3102                     | 49.9437                 |                                 |                          |                     |
| 16/07/2014           | 94.8003           | 1.4448                           | 0.1790               | 1.6238                   | 3.3590           |                                |                    | 38.2800                     | 49.8935                 |                                 |                          |                     |
| 17/07/2014           | 94.8655           | 1.4015                           | 0.1760               | 1.5776                   | 3.3070           |                                |                    | 38.3060                     | 49.9393                 |                                 |                          |                     |
| 18/07/2014           | 94.7059           | 1.3848                           | 0.1826               | 1.5674                   | 3.4500           |                                |                    | 38.3679                     | 49.9832                 |                                 |                          |                     |
| 19/07/2014           | 94.6975           | 1.4037                           | 0.1821               | 1.5858                   | 3.4560           |                                |                    | 38.3530                     | 49.9622                 |                                 |                          |                     |
| 20/07/2014           | 94.7852           | 1.4390                           | 0.1783               | 1.6173                   | 3.3170           |                                |                    | 38.3160                     | 49.9181                 |                                 |                          |                     |
| 21/07/2014           | 94.7675           | 1.4048                           | 0.1797               | 1.5845                   | 3.3760           |                                |                    | 38.3385                     | 49.9539                 |                                 |                          |                     |
| 22/07/2014           | 94.7555           | 1.3961                           | 0.1791               | 1.5753                   | 3.4070           |                                |                    | 38.3437                     | 49.9631                 |                                 |                          |                     |
| 23/07/2014           | 94.4843           | 1.3433                           | 0.1905               | 1.5338                   | 3.7740           |                                |                    | 38.4246                     | 50.0413                 |                                 |                          |                     |
| 24/07/2014           | 94.5324           | 1.3044                           | 0.1975               | 1.5019                   | 3.7220           |                                |                    | 38.4623                     | 50.0862                 |                                 |                          |                     |
| 25/07/2014           | 94.6790           | 1.3343                           | 0.1895               | 1.5238                   | 3.5310           |                                |                    | 38.4183                     | 50.0439                 |                                 |                          |                     |
| 26/07/2014           | 94.9018           | 1.4715                           | 0.1725               | 1.6440                   | 3.0820           |                                |                    | 38.3336                     | 49.9078                 |                                 |                          |                     |
| 27/07/2014           | 94.8728           | 1.4088                           | 0.1753               | 1.5841                   | 3.1610           |                                |                    | 38.3874                     | 49.9804                 |                                 |                          |                     |
| 28/07/2014           | 94.7176           | 1.3682                           | 0.1821               | 1.5503                   | 3.4070           |                                |                    | 38.4233                     | 50.0263                 |                                 |                          |                     |
| 29/07/2014           | 94.6769           | 1.3290                           | 0.1834               | 1.5123                   | 3.4830           |                                |                    | 38.4642                     | 50.0762                 |                                 |                          |                     |
| 30/07/2014           | 94.6693           | 1.2768                           | 0.1895               | 1.4663                   | 3.5710           |                                |                    | 38.4750                     | 50.1156                 |                                 |                          |                     |
| 31/07/2014           | 94.6150           | 1.2726                           | 0.1937               | 1.4663                   | 3.6500           |                                |                    | 38.4785                     | 50.1189                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 94.4843 | 1.2726 | 0.1711 | 1.4663 | 2.8460 |  |  | 38.2290 | 49.8725 |  |
| Promedio   | 94.8099 | 1.3901 | 0.1799 | 1.5700 | 3.3378 |  |  | 38.3479 | 49.9692 |  |
| Máximo     | 95.2295 | 1.4800 | 0.1975 | 1.6565 | 3.7740 |  |  | 38.4785 | 50.1189 |  |
| Desv. Est. | 0.1500  | 0.0493 | 0.0063 | 0.0443 | 0.1948 |  |  | 0.0644  | 0.0655  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Red Monclova                    |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 96.1869           | 0.9207                           | 0.6408               | 1.5615                   | 2.0530           |                                |                                 | 37.9340                                  | 49.8446                              |                                              |                                       |                     |
| 02/07/2014           | 96.0425           | 0.9161                           | 0.6240               | 1.5401                   | 2.2300           |                                |                                 | 37.9827                                  | 49.8837                              |                                              |                                       |                     |
| 03/07/2014           | 96.0180           | 0.9496                           | 0.6091               | 1.5587                   | 2.2220           |                                |                                 | 37.9853                                  | 49.8688                              |                                              |                                       |                     |
| 04/07/2014           | 96.0788           | 0.9323                           | 0.6086               | 1.5409                   | 2.1750           |                                |                                 | 37.9807                                  | 49.8781                              |                                              |                                       |                     |
| 05/07/2014           | 95.9790           | 0.9706                           | 0.5916               | 1.5623                   | 2.2430           |                                |                                 | 38.0014                                  | 49.8715                              |                                              |                                       |                     |
| 06/07/2014           | 96.0927           | 0.9401                           | 0.6285               | 1.5685                   | 2.1430           |                                |                                 | 37.9541                                  | 49.8484                              |                                              |                                       |                     |
| 07/07/2014           | 96.1352           | 0.9829                           | 0.6075               | 1.5904                   | 2.1010           |                                |                                 | 37.9145                                  | 49.8055                              |                                              |                                       |                     |
| 08/07/2014           | 96.1174           | 0.9647                           | 0.6173               | 1.5820                   | 2.1630           |                                |                                 | 37.9077                                  | 49.8101                              |                                              |                                       |                     |
| 09/07/2014           | 96.2461           | 0.9912                           | 0.6354               | 1.6266                   | 1.9730           |                                |                                 | 37.8480                                  | 49.7484                              |                                              |                                       |                     |
| 10/07/2014           | 96.3302           | 0.9762                           | 0.6222               | 1.5984                   | 1.9080           |                                |                                 | 37.8491                                  | 49.7655                              |                                              |                                       |                     |
| 11/07/2014           | 96.2428           | 0.9654                           | 0.6190               | 1.5844                   | 2.0020           |                                |                                 | 37.8918                                  | 49.7991                              |                                              |                                       |                     |
| 12/07/2014           | 96.1179           | 0.9939                           | 0.6052               | 1.5991                   | 2.1140           |                                |                                 | 37.9115                                  | 49.7975                              |                                              |                                       |                     |
| 13/07/2014           | 96.0348           | 1.0193                           | 0.6037               | 1.6229                   | 2.1600           |                                |                                 | 37.9280                                  | 49.7900                              |                                              |                                       |                     |
| 14/07/2014           | 96.1343           | 0.9520                           | 0.6316               | 1.5836                   | 2.1180           |                                |                                 | 37.9164                                  | 49.8172                              |                                              |                                       |                     |
| 15/07/2014           | 96.4121           | 0.9777                           | 0.6350               | 1.6127                   | 1.7850           |                                |                                 | 37.8214                                  | 49.7411                              |                                              |                                       |                     |
| 16/07/2014           | 96.1455           | 0.9131                           | 0.5418               | 1.4549                   | 2.2490           |                                |                                 | 37.9776                                  | 49.9219                              |                                              |                                       |                     |
| 17/07/2014           | 96.1758           | 0.9418                           | 0.5395               | 1.4813                   | 2.2070           |                                |                                 | 37.9437                                  | 49.8825                              |                                              |                                       |                     |
| 18/07/2014           | 96.1321           | 0.9020                           | 0.5397               | 1.4418                   | 2.2990           |                                |                                 | 37.9766                                  | 49.9290                              |                                              |                                       |                     |
| 19/07/2014           | 96.0317           | 0.9207                           | 0.5076               | 1.4283                   | 2.3720           |                                |                                 | 38.0311                                  | 49.9619                              |                                              |                                       |                     |
| 20/07/2014           | 95.9959           | 0.8913                           | 0.5747               | 1.4660                   | 2.3930           |                                |                                 | 38.0072                                  | 49.9382                              |                                              |                                       |                     |
| 21/07/2014           | 96.1705           | 0.8669                           | 0.5936               | 1.4605                   | 2.2180           |                                |                                 | 37.9630                                  | 49.9210                              |                                              |                                       |                     |
| 22/07/2014           | 95.9985           | 0.9922                           | 0.5054               | 1.4976                   | 2.3310           |                                |                                 | 37.9982                                  | 49.8944                              |                                              |                                       |                     |
| 23/07/2014           | 96.1654           | 0.8635                           | 0.5718               | 1.4353                   | 2.2540           |                                |                                 | 37.9789                                  | 49.9424                              |                                              |                                       |                     |
| 24/07/2014           | 95.9176           | 0.9028                           | 0.4940               | 1.3968                   | 2.5470           |                                |                                 | 38.0717                                  | 50.0042                              |                                              |                                       |                     |
| 25/07/2014           | 95.6769           | 0.8750                           | 0.5371               | 1.4121                   | 2.7910           |                                |                                 | 38.1220                                  | 50.0331                              |                                              |                                       |                     |
| 26/07/2014           | 95.9300           | 0.8672                           | 0.5246               | 1.3918                   | 2.5430           |                                |                                 | 38.0697                                  | 50.0140                              |                                              |                                       |                     |
| 27/07/2014           | 96.0783           | 0.8346                           | 0.6099               | 1.4445                   | 2.3320           |                                |                                 | 37.9965                                  | 49.9553                              |                                              |                                       |                     |
| 28/07/2014           | 96.3041           | 0.9228                           | 0.5757               | 1.4985                   | 1.9950           |                                |                                 | 37.9215                                  | 49.8659                              |                                              |                                       |                     |
| 29/07/2014           | 95.6703           | 0.9993                           | 0.4301               | 1.4293                   | 2.6950           |                                |                                 | 38.1513                                  | 50.0120                              |                                              |                                       |                     |
| 30/07/2014           | 95.8699           | 0.9215                           | 0.8120               | 1.7335                   | 2.1330           |                                |                                 | 37.9128                                  | 49.8023                              |                                              |                                       |                     |
| 31/07/2014           | 95.7970           | 1.0020                           | 1.0030               | 2.0050                   | 1.7140           |                                |                                 | 37.8400                                  | 49.7284                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 95.6703 | 0.8346 | 0.4301 | 1.3918 | 1.7140 |  |  | 37.8214 | 49.7284 |  |
| Promedio   | 96.0719 | 0.9377 | 0.6013 | 1.5390 | 2.2085 |  |  | 37.9609 | 49.8734 |  |
| Máximo     | 96.4121 | 1.0193 | 1.0030 | 2.0050 | 2.7910 |  |  | 38.1513 | 50.0331 |  |
| Desv. Est. | 0.1697  | 0.0478 | 0.0992 | 0.1197 | 0.2334 |  |  | 0.0774  | 0.0848  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Monclova                        |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 98.2210           | 0.1304                           | 1.3775               | 1.5079                   | 0.2580           |                                |                                 | 37.2848                                  | 49.6850                              |                                              |                                       |                     |
| 02/07/2014           | 98.2324           | 0.1240                           | 1.3755               | 1.4996                   | 0.2560           |                                |                                 | 37.2868                                  | 49.6916                              |                                              |                                       |                     |
| 03/07/2014           | 98.2623           | 0.1223                           | 1.3523               | 1.4745                   | 0.2500           |                                |                                 | 37.2959                                  | 49.7089                              |                                              |                                       |                     |
| 04/07/2014           | 98.2753           | 0.1227                           | 1.3505               | 1.4732                   | 0.2380           |                                |                                 | 37.2934                                  | 49.7081                              |                                              |                                       |                     |
| 05/07/2014           | 98.2435           | 0.1255                           | 1.3780               | 1.5035                   | 0.2400           |                                |                                 | 37.2824                                  | 49.6869                              |                                              |                                       |                     |
| 06/07/2014           | 98.2659           | 0.1233                           | 1.3665               | 1.4898                   | 0.2310           |                                |                                 | 37.2850                                  | 49.6953                              |                                              |                                       |                     |
| 07/07/2014           | 98.2634           | 0.1244                           | 1.3690               | 1.4934                   | 0.2300           |                                |                                 | 37.2833                                  | 49.6923                              |                                              |                                       |                     |
| 08/07/2014           | 98.2477           | 0.1255                           | 1.3805               | 1.5060                   | 0.2330           |                                |                                 | 37.2795                                  | 49.6840                              |                                              |                                       |                     |
| 09/07/2014           | 98.2463           | 0.1243                           | 1.3764               | 1.5008                   | 0.2400           |                                |                                 | 37.2828                                  | 49.6887                              |                                              |                                       |                     |
| 10/07/2014           | 98.2615           | 0.1249                           | 1.3637               | 1.4885                   | 0.2370           |                                |                                 | 37.2866                                  | 49.6965                              |                                              |                                       |                     |
| 11/07/2014           | 98.2537           | 0.1248                           | 1.3654               | 1.4902                   | 0.2440           |                                |                                 | 37.2871                                  | 49.6961                              |                                              |                                       |                     |
| 12/07/2014           | 98.2361           | 0.1264                           | 1.3788               | 1.5051                   | 0.2460           |                                |                                 | 37.2820                                  | 49.6856                              |                                              |                                       |                     |
| 13/07/2014           | 98.2513           | 0.1240                           | 1.3678               | 1.4919                   | 0.2440           |                                |                                 | 37.2864                                  | 49.6949                              |                                              |                                       |                     |
| 14/07/2014           | 98.2552           | 0.1235                           | 1.3718               | 1.4953                   | 0.2370           |                                |                                 | 37.2832                                  | 49.6917                              |                                              |                                       |                     |
| 15/07/2014           | 98.2205           | 0.1369                           | 1.3965               | 1.5334                   | 0.2330           |                                |                                 | 37.2679                                  | 49.6617                              |                                              |                                       |                     |
| 16/07/2014           | 98.2780           | 0.1204                           | 1.3688               | 1.4892                   | 0.2200           |                                |                                 | 37.2810                                  | 49.6939                              |                                              |                                       |                     |
| 17/07/2014           | 98.2901           | 0.1248                           | 1.3544               | 1.4792                   | 0.2180           |                                |                                 | 37.2844                                  | 49.6996                              |                                              |                                       |                     |
| 18/07/2014           | 98.2906           | 0.1247                           | 1.3423               | 1.4670                   | 0.2300           |                                |                                 | 37.2918                                  | 49.7095                              |                                              |                                       |                     |
| 19/07/2014           | 98.2645           | 0.1281                           | 1.3587               | 1.4868                   | 0.2360           |                                |                                 | 37.2862                                  | 49.6962                              |                                              |                                       |                     |
| 20/07/2014           | 98.2698           | 0.1260                           | 1.3521               | 1.4781                   | 0.2400           |                                |                                 | 37.2903                                  | 49.7031                              |                                              |                                       |                     |
| 21/07/2014           | 98.2625           | 0.1275                           | 1.3541               | 1.4815                   | 0.2430           |                                |                                 | 37.2902                                  | 49.7012                              |                                              |                                       |                     |
| 22/07/2014           | 98.2765           | 0.1263                           | 1.3436               | 1.4699                   | 0.2410           |                                |                                 | 37.2942                                  | 49.7093                              |                                              |                                       |                     |
| 23/07/2014           | 98.3033           | 0.1233                           | 1.3212               | 1.4445                   | 0.2400           |                                |                                 | 37.3031                                  | 49.7270                              |                                              |                                       |                     |
| 24/07/2014           | 98.2646           | 0.1244                           | 1.3488               | 1.4732                   | 0.2500           |                                |                                 | 37.2950                                  | 49.7084                              |                                              |                                       |                     |
| 25/07/2014           | 98.2636           | 0.1258                           | 1.3556               | 1.4814                   | 0.2420           |                                |                                 | 37.2904                                  | 49.7019                              |                                              |                                       |                     |
| 26/07/2014           | 98.2702           | 0.1265                           | 1.3629               | 1.4895                   | 0.2280           |                                |                                 | 37.2829                                  | 49.6935                              |                                              |                                       |                     |
| 27/07/2014           | 98.2697           | 0.1260                           | 1.3642               | 1.4902                   | 0.2280           |                                |                                 | 37.2827                                  | 49.6932                              |                                              |                                       |                     |
| 28/07/2014           | 98.2668           | 0.1258                           | 1.3655               | 1.4913                   | 0.2290           |                                |                                 | 37.2828                                  | 49.6928                              |                                              |                                       |                     |
| 29/07/2014           | 98.2513           | 0.1300                           | 1.3758               | 1.5057                   | 0.2300           |                                |                                 | 37.2778                                  | 49.6821                              |                                              |                                       |                     |
| 30/07/2014           | 97.9986           | 0.1630                           | 1.5673               | 1.7302                   | 0.2560           |                                |                                 | 37.2819                                  | 49.5258                              |                                              |                                       |                     |
| 31/07/2014           | 98.2543           | 0.1269                           | 1.3824               | 1.5093                   | 0.2230           |                                |                                 | 37.2750                                  | 49.6794                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 97.9986 | 0.1204 | 1.3212 | 1.4445 | 0.2180 |  |  | 37.2679 | 49.5258 |  |
| Promedio   | 98.2519 | 0.1268 | 1.3706 | 1.4974 | 0.2378 |  |  | 37.2857 | 49.6898 |  |
| Máximo     | 98.3033 | 0.1630 | 1.5673 | 1.7302 | 0.2580 |  |  | 37.3031 | 49.7270 |  |
| Desv. Est. | 0.0505  | 0.0073 | 0.0394 | 0.0462 | 0.0101 |  |  | 0.0068  | 0.0326  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | GIMSA                           |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 94.7425           | 0.6076                           | 0.2404               | 0.8480                   | 4.1090           |                                |                    | 38.8347                     | 50.7619                 |                                 |                          |                     |
| 02/07/2014           | 95.7040           | 0.5830                           | 0.3062               | 0.8892                   | 3.0690           |                                |                    | 38.5517                     | 50.5881                 |                                 |                          |                     |
| 03/07/2014           | 95.5364           | 0.5533                           | 0.2222               | 0.7754                   | 3.3830           |                                |                    | 38.6635                     | 50.7112                 |                                 |                          |                     |
| 04/07/2014           | 96.2732           | 0.5004                           | 0.1996               | 0.7000                   | 2.7860           |                                |                    | 38.4701                     | 50.6497                 |                                 |                          |                     |
| 05/07/2014           | 96.4169           | 0.5144                           | 0.1926               | 0.7070                   | 2.6460           |                                |                    | 38.4191                     | 50.6141                 |                                 |                          |                     |
| 06/07/2014           | 96.0823           | 0.5045                           | 0.1713               | 0.6758                   | 3.0880           |                                |                    | 38.5061                     | 50.6809                 |                                 |                          |                     |
| 07/07/2014           | 95.1594           | 0.4358                           | 0.1931               | 0.6290                   | 3.9250           |                                |                    | 38.8651                     | 50.9211                 |                                 |                          |                     |
| 08/07/2014           | 93.7000           | 0.4733                           | 0.3124               | 0.7856                   | 5.1100           |                                |                    | 39.2129                     | 51.0360                 |                                 |                          |                     |
| 09/07/2014           | 94.0496           | 0.4936                           | 0.4587               | 0.9523                   | 4.6920           |                                |                    | 38.9607                     | 50.8129                 |                                 |                          |                     |
| 10/07/2014           | 94.5199           | 0.4119                           | 0.1870               | 0.5988                   | 4.6210           |                                |                    | 39.0382                     | 51.0391                 |                                 |                          |                     |
| 11/07/2014           | 94.1380           | 0.3683                           | 0.1999               | 0.5682                   | 5.0100           |                                |                    | 39.1763                     | 51.1413                 |                                 |                          |                     |
| 12/07/2014           | 93.5959           | 0.3825                           | 0.1990               | 0.5815                   | 5.5150           |                                |                    | 39.3299                     | 51.2179                 |                                 |                          |                     |
| 13/07/2014           | 94.7129           | 0.4967                           | 0.1828               | 0.6794                   | 4.4210           |                                |                    | 38.9005                     | 50.9037                 |                                 |                          |                     |
| 14/07/2014           | 93.1964           | 0.5075                           | 0.2073               | 0.7148                   | 5.7760           |                                |                    | 39.3640                     | 51.1457                 |                                 |                          |                     |
| 15/07/2014           | 92.6643           | 0.4592                           | 0.2189               | 0.6781                   | 6.3160           |                                |                    | 39.5454                     | 51.2759                 |                                 |                          |                     |
| 16/07/2014           | 93.6152           | 0.4460                           | 0.1985               | 0.6446                   | 5.4860           |                                |                    | 39.2619                     | 51.1356                 |                                 |                          |                     |
| 17/07/2014           | 93.2810           | 0.4708                           | 0.1968               | 0.6676                   | 5.7900           |                                |                    | 39.3466                     | 51.1667                 |                                 |                          |                     |
| 18/07/2014           | 93.7767           | 0.4438                           | 0.2005               | 0.6443                   | 5.3290           |                                |                    | 39.2197                     | 51.1124                 |                                 |                          |                     |
| 19/07/2014           | 94.8076           | 0.4225                           | 0.1850               | 0.6075                   | 4.3600           |                                |                    | 38.9427                     | 50.9788                 |                                 |                          |                     |
| 20/07/2014           | 94.7005           | 0.4495                           | 0.1873               | 0.6368                   | 4.3770           |                                |                    | 38.9961                     | 50.9878                 |                                 |                          |                     |
| 21/07/2014           | 95.4040           | 0.4999                           | 0.1849               | 0.6848                   | 3.6720           |                                |                    | 38.7424                     | 50.8107                 |                                 |                          |                     |
| 22/07/2014           | 95.3724           | 0.5328                           | 0.2113               | 0.7441                   | 3.6470           |                                |                    | 38.7067                     | 50.7553                 |                                 |                          |                     |
| 23/07/2014           | 94.4061           | 0.4243                           | 0.2095               | 0.6338                   | 4.6790           |                                |                    | 39.0647                     | 51.0342                 |                                 |                          |                     |
| 24/07/2014           | 92.8361           | 0.3241                           | 0.1967               | 0.5208                   | 6.3090           |                                |                    | 39.5981                     | 51.4097                 |                                 |                          |                     |
| 25/07/2014           | 92.8712           | 0.3074                           | 0.1843               | 0.4917                   | 6.3270           |                                |                    | 39.5992                     | 51.4278                 |                                 |                          |                     |
| 26/07/2014           | 91.5467           | 0.4299                           | 0.1983               | 0.6282                   | 7.4940           |                                |                    | 39.8898                     | 51.4985                 |                                 |                          |                     |
| 27/07/2014           | 92.0412           | 0.2895                           | 0.2022               | 0.4917                   | 7.1240           |                                |                    | 39.8567                     | 51.5753                 |                                 |                          |                     |
| 28/07/2014           | 94.2133           | 0.4445                           | 0.1692               | 0.6137                   | 4.8860           |                                |                    | 39.1364                     | 51.0790                 |                                 |                          |                     |
| 29/07/2014           | 94.3008           | 0.4099                           | 0.1856               | 0.5955                   | 4.8830           |                                |                    | 39.0953                     | 51.0728                 |                                 |                          |                     |
| 30/07/2014           | 94.5928           | 0.4504                           | 0.1729               | 0.6233                   | 4.6120           |                                |                    | 38.9720                     | 50.9811                 |                                 |                          |                     |
| 31/07/2014           | 94.7731           | 0.4198                           | 0.1666               | 0.5864                   | 4.4840           |                                |                    | 38.9393                     | 50.9871                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 91.5467 | 0.2895 | 0.1666 | 0.4917 | 2.6460 |  |  | 38.4191 | 50.5881 |  |
| Promedio   | 94.2913 | 0.4534 | 0.2110 | 0.6644 | 4.7718 |  |  | 39.0711 | 51.0165 |  |
| Máximo     | 96.4169 | 0.6076 | 0.4587 | 0.9523 | 7.4940 |  |  | 39.8898 | 51.5753 |  |
| Desv. Est. | 1.1945  | 0.0729 | 0.0563 | 0.1051 | 1.2121 |  |  | 0.3814  | 0.2577  |  |

Observaciones:



# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |
|--------------------|---------------------------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |
| PUNTO DE MEDICIÓN: | Burgos 1, 2 Y 3                 |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  |
|                    | PROMEDIO/DIA                    |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 93.8267           | 1.0383                           | 0.1700               | 1.2083                   | 4.9550           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 02/07/2014           | 93.8532           | 1.0317                           | 0.1700               | 1.2017                   | 4.9350           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 03/07/2014           | 93.8160           | 1.0400                           | 0.1717               | 1.2117                   | 4.9600           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 04/07/2014           | 93.7942           | 1.0383                           | 0.1783               | 1.2167                   | 4.9720           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 05/07/2014           | 93.7600           | 1.0300                           | 0.1700               | 1.2000                   | 5.0280           |                                |                                 | 38.7660                                  | 50.4690                              |                                              |                                       |                     |
| 06/07/2014           | 93.7583           | 1.0317                           | 0.1717               | 1.2033                   | 5.0200           |                                |                                 | 38.7595                                  | 50.4606                              |                                              |                                       |                     |
| 07/07/2014           | 93.7682           | 1.0367                           | 0.1800               | 1.2167                   | 5.0050           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 08/07/2014           | 93.8427           | 1.0217                           | 0.1817               | 1.2033                   | 4.9420           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 09/07/2014           | 93.7508           | 1.0317                           | 0.1883               | 1.2200                   | 5.0040           |                                |                                 | 38.7660                                  | 50.4619                              |                                              |                                       |                     |
| 10/07/2014           | 93.7065           | 1.0417                           | 0.1800               | 1.2217                   | 5.0270           |                                |                                 | 38.7660                                  | 50.4334                              |                                              |                                       |                     |
| 11/07/2014           | 93.7458           | 1.0483                           | 0.1783               | 1.2267                   | 5.0090           |                                |                                 | 38.7660                                  | 50.4690                              |                                              |                                       |                     |
| 12/07/2014           | 93.7817           | 1.0417                           | 0.1700               | 1.2117                   | 4.9950           |                                |                                 | 38.7593                                  | 50.4604                              |                                              |                                       |                     |
| 13/07/2014           | 93.7968           | 1.0433                           | 0.1717               | 1.2150                   | 4.9680           |                                |                                 | 38.7262                                  | 50.4172                              |                                              |                                       |                     |
| 14/07/2014           | 93.8193           | 1.0217                           | 0.1800               | 1.2017                   | 4.9620           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 15/07/2014           | 93.7725           | 1.0750                           | 0.1783               | 1.2533                   | 4.9650           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 16/07/2014           | 93.8148           | 1.0500                           | 0.1700               | 1.2200                   | 4.9550           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 17/07/2014           | 93.7442           | 1.0517                           | 0.1717               | 1.2233                   | 5.0230           |                                |                                 | 38.7595                                  | 50.4606                              |                                              |                                       |                     |
| 18/07/2014           | 93.7733           | 1.0533                           | 0.1817               | 1.2350                   | 4.9820           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 19/07/2014           | 93.7835           | 1.0267                           | 0.1883               | 1.2150                   | 4.9900           |                                |                                 | 38.7595                                  | 50.4606                              |                                              |                                       |                     |
| 20/07/2014           | 93.7593           | 1.0533                           | 0.1800               | 1.2333                   | 4.9880           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 21/07/2014           | 93.7892           | 1.0267                           | 0.1817               | 1.2083                   | 4.9830           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 22/07/2014           | 93.7317           | 1.0567                           | 0.1883               | 1.2450                   | 5.0030           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 23/07/2014           | 93.7518           | 1.0350                           | 0.1783               | 1.2133                   | 5.0150           |                                |                                 | 38.7660                                  | 50.4690                              |                                              |                                       |                     |
| 24/07/2014           | 93.7843           | 1.0267                           | 0.1733               | 1.2000                   | 4.9950           |                                |                                 | 38.7595                                  | 50.4535                              |                                              |                                       |                     |
| 25/07/2014           | 93.6542           | 1.1050                           | 0.1933               | 1.2983                   | 5.0190           |                                |                                 | 38.7270                                  | 50.3756                              |                                              |                                       |                     |
| 26/07/2014           | 93.6602           | 1.0867                           | 0.2117               | 1.2983                   | 5.0210           |                                |                                 | 38.7270                                  | 50.3756                              |                                              |                                       |                     |
| 27/07/2014           | 93.6307           | 1.1083                           | 0.2167               | 1.3250                   | 5.0260           |                                |                                 | 38.7270                                  | 50.3827                              |                                              |                                       |                     |
| 28/07/2014           | 93.7323           | 1.0533                           | 0.1967               | 1.2500                   | 5.0070           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 29/07/2014           | 93.7242           | 1.0783                           | 0.1817               | 1.2600                   | 5.0030           |                                |                                 | 38.7270                                  | 50.4111                              |                                              |                                       |                     |
| 30/07/2014           | 93.6083           | 1.1233                           | 0.1900               | 1.3133                   | 5.0600           |                                |                                 | 38.7270                                  | 50.3756                              |                                              |                                       |                     |
| 31/07/2014           | 93.6640           | 1.1369                           | 0.1944               | 1.3313                   | 4.9950           |                                |                                 | 38.7189                                  | 50.3679                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 93.6083 | 1.0217 | 0.1700 | 1.2000 | 4.9350 |  |  | 38.7189 | 50.3679 |  |
| Promedio   | 93.7548 | 1.0530 | 0.1819 | 1.2349 | 4.9939 |  |  | 38.7393 | 50.4259 |  |
| Máximo     | 93.8532 | 1.1369 | 0.2167 | 1.3313 | 5.0600 |  |  | 38.7660 | 50.4690 |  |
| Desv. Est. | 0.0607  | 0.0303 | 0.0116 | 0.0386 | 0.0291 |  |  | 0.0168  | 0.0295  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Burgos 4                        |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 93.8600           | 1.0200                           | 0.1700               | 1.1900                   | 4.9400           |                                |                                 | 38.7268                                  | 50.4180                              |                                              |                                       |                     |
| 02/07/2014           | 93.9500           | 1.0300                           | 0.1700               | 1.2000                   | 4.8100           |                                |                                 | 38.7268                                  | 50.4607                              |                                              |                                       |                     |
| 03/07/2014           | 93.9100           | 1.0100                           | 0.1800               | 1.1900                   | 4.8700           |                                |                                 | 38.7268                                  | 50.4607                              |                                              |                                       |                     |
| 04/07/2014           | 93.7500           | 1.0400                           | 0.1900               | 1.2300                   | 5.0000           |                                |                                 | 38.7659                                  | 50.4689                              |                                              |                                       |                     |
| 05/07/2014           | 93.7700           | 1.0300                           | 0.1700               | 1.2000                   | 5.0200           |                                |                                 | 38.7659                                  | 50.4689                              |                                              |                                       |                     |
| 06/07/2014           | 93.7500           | 1.0700                           | 0.2000               | 1.2700                   | 4.9700           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 07/07/2014           | 93.7994           | 1.0601                           | 0.1700               | 1.2301                   | 4.9605           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 08/07/2014           | 93.8506           | 1.0499                           | 0.2000               | 1.2499                   | 4.8795           |                                |                                 | 38.6876                                  | 50.3670                              |                                              |                                       |                     |
| 09/07/2014           | 93.8706           | 1.0699                           | 0.1800               | 1.2499                   | 4.8495           |                                |                                 | 38.6876                                  | 50.3670                              |                                              |                                       |                     |
| 10/07/2014           | 93.7206           | 1.0599                           | 0.1700               | 1.2299                   | 5.0395           |                                |                                 | 38.7659                                  | 50.4689                              |                                              |                                       |                     |
| 11/07/2014           | 93.7800           | 1.0500                           | 0.1700               | 1.2200                   | 5.0000           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 12/07/2014           | 93.8500           | 1.0400                           | 0.1700               | 1.2100                   | 4.9400           |                                |                                 | 38.7268                                  | 50.4180                              |                                              |                                       |                     |
| 13/07/2014           | 93.7594           | 1.0401                           | 0.1700               | 1.2101                   | 5.0305           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 14/07/2014           | 93.9394           | 1.0101                           | 0.1700               | 1.1801                   | 4.8805           |                                |                                 | 38.7268                                  | 50.4607                              |                                              |                                       |                     |
| 15/07/2014           | 93.7800           | 1.0800                           | 0.2000               | 1.2800                   | 4.9400           |                                |                                 | 38.6876                                  | 50.3670                              |                                              |                                       |                     |
| 16/07/2014           | 93.8500           | 1.0300                           | 0.1600               | 1.1900                   | 4.9500           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 17/07/2014           | 93.8000           | 1.0100                           | 0.1700               | 1.1800                   | 5.0200           |                                |                                 | 38.7659                                  | 50.4689                              |                                              |                                       |                     |
| 18/07/2014           | 93.7694           | 1.0601                           | 0.2000               | 1.2601                   | 4.9705           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 19/07/2014           | 93.8406           | 0.9899                           | 0.1700               | 1.1599                   | 4.9995           |                                |                                 | 38.7659                                  | 50.5118                              |                                              |                                       |                     |
| 20/07/2014           | 93.8606           | 1.0099                           | 0.1700               | 1.1799                   | 4.9595           |                                |                                 | 38.7659                                  | 50.5118                              |                                              |                                       |                     |
| 21/07/2014           | 93.8794           | 1.0101                           | 0.1600               | 1.1701                   | 4.9505           |                                |                                 | 38.7659                                  | 50.5118                              |                                              |                                       |                     |
| 22/07/2014           | 93.8594           | 1.0201                           | 0.1700               | 1.1901                   | 4.9505           |                                |                                 | 38.7268                                  | 50.4180                              |                                              |                                       |                     |
| 23/07/2014           | 93.8394           | 1.0101                           | 0.1600               | 1.1701                   | 4.9905           |                                |                                 | 38.7659                                  | 50.4689                              |                                              |                                       |                     |
| 24/07/2014           | 93.8094           | 1.0001                           | 0.1600               | 1.1601                   | 5.0305           |                                |                                 | 38.7659                                  | 50.4689                              |                                              |                                       |                     |
| 25/07/2014           | 93.6694           | 1.0701                           | 0.1900               | 1.2601                   | 5.0705           |                                |                                 | 38.7267                                  | 50.3753                              |                                              |                                       |                     |
| 26/07/2014           | 93.6300           | 1.1400                           | 0.1900               | 1.3300                   | 5.0400           |                                |                                 | 38.7267                                  | 50.3753                              |                                              |                                       |                     |
| 27/07/2014           | 93.7100           | 1.1000                           | 0.1800               | 1.2800                   | 5.0100           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 28/07/2014           | 93.7794           | 1.0201                           | 0.2000               | 1.2201                   | 5.0005           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 29/07/2014           | 93.7694           | 1.0601                           | 0.1800               | 1.2401                   | 4.9905           |                                |                                 | 38.7268                                  | 50.4179                              |                                              |                                       |                     |
| 30/07/2014           | 93.6800           | 1.1500                           | 0.1900               | 1.3400                   | 4.9800           |                                |                                 | 38.6876                                  | 50.3244                              |                                              |                                       |                     |
| 31/07/2014           | 93.6800           | 1.1500                           | 0.1900               | 1.3400                   | 4.9800           |                                |                                 | 38.6876                                  | 50.3244                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 93.6300 | 0.9899 | 0.1600 | 1.1599 | 4.8100 |  |  | 38.6876 | 50.3244 |  |
| Promedio   | 93.7989 | 1.0481 | 0.1781 | 1.2262 | 4.9685 |  |  | 38.7318 | 50.4273 |  |
| Máximo     | 93.9500 | 1.1500 | 0.2000 | 1.3400 | 5.0705 |  |  | 38.7659 | 50.5118 |  |
| Desv. Est. | 0.0789  | 0.0420 | 0.0133 | 0.0506 | 0.0602 |  |  | 0.0263  | 0.0496  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Burgos 5 y 6                    |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 93.8267           | 1.0250                           | 0.1800               | 1.2050                   | 4.9680           |                                |                                 | 38.6970                                  | 50.3792                              |                                              |                                       |                     |
| 02/07/2014           | 93.8533           | 1.0517                           | 0.1800               | 1.2317                   | 4.9150           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 03/07/2014           | 93.8165           | 1.0533                           | 0.1783               | 1.2317                   | 4.9520           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 04/07/2014           | 93.7509           | 1.0656                           | 0.1807               | 1.2463                   | 5.0020           |                                |                                 | 38.7595                                  | 50.4475                              |                                              |                                       |                     |
| 05/07/2014           | 93.7650           | 1.0650                           | 0.1783               | 1.2433                   | 4.9920           |                                |                                 | 38.7335                                  | 50.4339                              |                                              |                                       |                     |
| 06/07/2014           | 93.8283           | 1.0033                           | 0.1717               | 1.1750                   | 4.9970           |                                |                                 | 38.7595                                  | 50.4963                              |                                              |                                       |                     |
| 07/07/2014           | 93.7667           | 1.0683                           | 0.1800               | 1.2483                   | 4.9850           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 08/07/2014           | 93.7467           | 1.0567                           | 0.1783               | 1.2350                   | 5.0180           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 09/07/2014           | 93.7400           | 1.0333                           | 0.1700               | 1.2033                   | 5.0570           |                                |                                 | 38.7660                                  | 50.4690                              |                                              |                                       |                     |
| 10/07/2014           | 93.7983           | 1.0067                           | 0.1700               | 1.1767                   | 5.0250           |                                |                                 | 38.7595                                  | 50.4606                              |                                              |                                       |                     |
| 11/07/2014           | 93.8383           | 1.0400                           | 0.1717               | 1.2117                   | 4.9500           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 12/07/2014           | 93.8250           | 1.0400                           | 0.1800               | 1.2200                   | 4.9550           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 13/07/2014           | 93.8050           | 1.0450                           | 0.1800               | 1.2250                   | 4.9700           |                                |                                 | 38.7205                                  | 50.4098                              |                                              |                                       |                     |
| 14/07/2014           | 93.8233           | 1.0683                           | 0.1800               | 1.2483                   | 4.9280           |                                |                                 | 38.6945                                  | 50.3759                              |                                              |                                       |                     |
| 15/07/2014           | 93.8050           | 1.0600                           | 0.1800               | 1.2400                   | 4.9550           |                                |                                 | 38.7205                                  | 50.4098                              |                                              |                                       |                     |
| 16/07/2014           | 93.8633           | 1.0567                           | 0.1800               | 1.2367                   | 4.9000           |                                |                                 | 38.6945                                  | 50.3759                              |                                              |                                       |                     |
| 17/07/2014           | 93.7817           | 1.0367                           | 0.1817               | 1.2183                   | 5.0000           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 18/07/2014           | 93.7917           | 1.0250                           | 0.1883               | 1.2133                   | 4.9950           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 19/07/2014           | 93.7948           | 1.0483                           | 0.1783               | 1.2267                   | 4.9780           |                                |                                 | 38.7335                                  | 50.4267                              |                                              |                                       |                     |
| 20/07/2014           | 93.7775           | 1.0433                           | 0.1717               | 1.2150                   | 5.0080           |                                |                                 | 38.7595                                  | 50.4606                              |                                              |                                       |                     |
| 21/07/2014           | 93.8250           | 1.0550                           | 0.1800               | 1.2350                   | 4.9400           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 22/07/2014           | 93.8268           | 1.0367                           | 0.1817               | 1.2183                   | 4.9550           |                                |                                 | 38.7270                                  | 50.4111                              |                                              |                                       |                     |
| 23/07/2014           | 93.7223           | 1.0650                           | 0.1883               | 1.2533                   | 5.0240           |                                |                                 | 38.7270                                  | 50.3827                              |                                              |                                       |                     |
| 24/07/2014           | 93.7707           | 1.0400                           | 0.1817               | 1.2217                   | 5.0080           |                                |                                 | 38.7270                                  | 50.4183                              |                                              |                                       |                     |
| 25/07/2014           | 93.7225           | 1.0483                           | 0.1950               | 1.2433                   | 5.0330           |                                |                                 | 38.7270                                  | 50.4111                              |                                              |                                       |                     |
| 26/07/2014           | 93.6683           | 1.0933                           | 0.2183               | 1.3117                   | 5.0200           |                                |                                 | 38.7270                                  | 50.3756                              |                                              |                                       |                     |
| 27/07/2014           | 93.5800           | 1.1150                           | 0.2100               | 1.3250                   | 5.0950           |                                |                                 | 38.7205                                  | 50.3671                              |                                              |                                       |                     |
| 28/07/2014           | 93.6850           | 1.1333                           | 0.2083               | 1.3417                   | 4.9730           |                                |                                 | 38.6880                                  | 50.3249                              |                                              |                                       |                     |
| 29/07/2014           | 93.6950           | 1.1067                           | 0.2000               | 1.3067                   | 4.9980           |                                |                                 | 38.6945                                  | 50.3333                              |                                              |                                       |                     |
| 30/07/2014           | 93.6250           | 1.1400                           | 0.1983               | 1.3383                   | 5.0350           |                                |                                 | 38.7270                                  | 50.3756                              |                                              |                                       |                     |
| 31/07/2014           | 93.6552           | 1.1385                           | 0.1950               | 1.3335                   | 5.0030           |                                |                                 | 38.7195                                  | 50.3668                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 93.5800 | 1.0033 | 0.1700 | 1.1750 | 4.9000 |  |  | 38.6880 | 50.3249 |  |
| Promedio   | 93.7669 | 1.0601 | 0.1844 | 1.2445 | 4.9882 |  |  | 38.7270 | 50.4095 |  |
| Máximo     | 93.8633 | 1.1400 | 0.2183 | 1.3417 | 5.0950 |  |  | 38.7660 | 50.4963 |  |
| Desv. Est. | 0.0696  | 0.0351 | 0.0120 | 0.0449 | 0.0419 |  |  | 0.0197  | 0.0377  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Nejo                            |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 92.0196           | 0.6464                           | 0.5393               | 1.1857                   | 5.4940           |                                |                                 | 39.6917                                  | 51.0782                              |                                              |                                       |                     |
| 02/07/2014           | 91.9940           | 0.6553                           | 0.5317               | 1.1870                   | 5.5630           |                                |                                 | 39.6838                                  | 51.0726                              |                                              |                                       |                     |
| 03/07/2014           | 91.9560           | 0.6733                           | 0.5200               | 1.1933                   | 5.6000           |                                |                                 | 39.6888                                  | 51.0685                              |                                              |                                       |                     |
| 04/07/2014           | 91.9675           | 0.6600                           | 0.5238               | 1.1838                   | 5.5810           |                                |                                 | 39.6957                                  | 51.0794                              |                                              |                                       |                     |
| 05/07/2014           | 92.0247           | 0.6481                           | 0.5326               | 1.1807                   | 5.5330           |                                |                                 | 39.6797                                  | 51.0746                              |                                              |                                       |                     |
| 06/07/2014           | 91.9841           | 0.6535                           | 0.5315               | 1.1850                   | 5.5520           |                                |                                 | 39.6950                                  | 51.0799                              |                                              |                                       |                     |
| 07/07/2014           | 91.9659           | 0.6556                           | 0.5195               | 1.1750                   | 5.5660           |                                |                                 | 39.7132                                  | 51.0932                              |                                              |                                       |                     |
| 08/07/2014           | 91.9828           | 0.6567                           | 0.5249               | 1.1816                   | 5.5680           |                                |                                 | 39.6932                                  | 51.0798                              |                                              |                                       |                     |
| 09/07/2014           | 91.9813           | 0.6472                           | 0.5318               | 1.1790                   | 5.5690           |                                |                                 | 39.6945                                  | 51.0842                              |                                              |                                       |                     |
| 10/07/2014           | 91.9555           | 0.6500                           | 0.5263               | 1.1763                   | 5.5940           |                                |                                 | 39.7050                                  | 51.0904                              |                                              |                                       |                     |
| 11/07/2014           | 91.9484           | 0.6444                           | 0.5271               | 1.1715                   | 5.5920           |                                |                                 | 39.7162                                  | 51.1004                              |                                              |                                       |                     |
| 12/07/2014           | 91.9050           | 0.6400                           | 0.5260               | 1.1660                   | 5.6480           |                                |                                 | 39.7250                                  | 51.1088                              |                                              |                                       |                     |
| 13/07/2014           | 91.9230           | 0.6378                           | 0.5267               | 1.1645                   | 5.6330           |                                |                                 | 39.7209                                  | 51.1076                              |                                              |                                       |                     |
| 14/07/2014           | 91.8172           | 0.6437                           | 0.5137               | 1.1574                   | 5.6590           |                                |                                 | 39.7925                                  | 51.1489                              |                                              |                                       |                     |
| 15/07/2014           | 91.8803           | 0.6548                           | 0.5155               | 1.1703                   | 5.6220           |                                |                                 | 39.7511                                  | 51.1175                              |                                              |                                       |                     |
| 16/07/2014           | 91.8980           | 0.6495                           | 0.5178               | 1.1673                   | 5.6710           |                                |                                 | 39.7230                                  | 51.1045                              |                                              |                                       |                     |
| 17/07/2014           | 91.9183           | 0.6425                           | 0.5188               | 1.1613                   | 5.6420           |                                |                                 | 39.7278                                  | 51.1115                              |                                              |                                       |                     |
| 18/07/2014           | 91.9158           | 0.6363                           | 0.5160               | 1.1522                   | 5.6300           |                                |                                 | 39.7432                                  | 51.1256                              |                                              |                                       |                     |
| 19/07/2014           | 91.7840           | 0.6377                           | 0.5169               | 1.1546                   | 5.7050           |                                |                                 | 39.7978                                  | 51.1544                              |                                              |                                       |                     |
| 20/07/2014           | 91.7810           | 0.6380                           | 0.5170               | 1.1550                   | 5.7040           |                                |                                 | 39.8000                                  | 51.1554                              |                                              |                                       |                     |
| 21/07/2014           | 91.8778           | 0.6450                           | 0.5131               | 1.1582                   | 5.6570           |                                |                                 | 39.7518                                  | 51.1261                              |                                              |                                       |                     |
| 22/07/2014           | 91.8734           | 0.6505                           | 0.5109               | 1.1613                   | 5.6640           |                                |                                 | 39.7492                                  | 51.1223                              |                                              |                                       |                     |
| 23/07/2014           | 91.9024           | 0.6428                           | 0.5156               | 1.1585                   | 5.6250           |                                |                                 | 39.7468                                  | 51.1226                              |                                              |                                       |                     |
| 24/07/2014           | 91.9433           | 0.6335                           | 0.5241               | 1.1575                   | 5.5550           |                                |                                 | 39.7469                                  | 51.1231                              |                                              |                                       |                     |
| 25/07/2014           | 91.9330           | 0.6327                           | 0.5224               | 1.1551                   | 5.5850           |                                |                                 | 39.7513                                  | 51.1325                              |                                              |                                       |                     |
| 26/07/2014           | 91.9310           | 0.6308                           | 0.5095               | 1.1402                   | 5.6040           |                                |                                 | 39.7540                                  | 51.1364                              |                                              |                                       |                     |
| 27/07/2014           | 91.9019           | 0.6308                           | 0.5011               | 1.1319                   | 5.6460           |                                |                                 | 39.7683                                  | 51.1497                              |                                              |                                       |                     |
| 28/07/2014           | 91.8325           | 0.6328                           | 0.4924               | 1.1252                   | 5.7000           |                                |                                 | 39.8006                                  | 51.1705                              |                                              |                                       |                     |
| 29/07/2014           | 91.8280           | 0.6238                           | 0.5094               | 1.1332                   | 5.6750           |                                |                                 | 39.8038                                  | 51.1709                              |                                              |                                       |                     |
| 30/07/2014           | 91.8356           | 0.6213                           | 0.4978               | 1.1191                   | 5.6520           |                                |                                 | 39.8228                                  | 51.1883                              |                                              |                                       |                     |
| 31/07/2014           | 91.8538           | 0.6272                           | 0.4855               | 1.1127                   | 5.7400           |                                |                                 | 39.7835                                  | 51.1683                              |                                              |                                       |                     |

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

|           |         |        |        |        |        |  |  |         |         |  |
|-----------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo    | 91.7810 | 0.6213 | 0.4855 | 1.1127 | 5.4940 |  |  | 39.6797 | 51.0685 |  |
| Promedio  | 91.9134 | 0.6433 | 0.5180 | 1.1613 | 5.6203 |  |  | 39.7393 | 51.1176 |  |
| Máximo    | 92.0247 | 0.6733 | 0.5393 | 1.1933 | 5.7400 |  |  | 39.8228 | 51.1883 |  |
| Dev. Est. | 0.0654  | 0.0115 | 0.0120 | 0.0207 | 0.0570 |  |  | 0.0413  | 0.0337  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Torreón                         |              |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 94.5210           | 1.0582                           | 0.2070               | 1.2652                   | 4.0720           |                                |                                 | 38.5678                                  | 50.3126                              |                                              |                                       |                     |
| 02/07/2014           | 94.5617           | 1.0615                           | 0.2035               | 1.2650                   | 4.0190           |                                |                                 | 38.5633                                  | 50.3092                              |                                              |                                       |                     |
| 03/07/2014           | 94.5630           | 1.0733                           | 0.2003               | 1.2736                   | 4.0040           |                                |                                 | 38.5594                                  | 50.3004                              |                                              |                                       |                     |
| 04/07/2014           | 94.6139           | 1.0692                           | 0.2040               | 1.2732                   | 3.9330           |                                |                                 | 38.5534                                  | 50.2979                              |                                              |                                       |                     |
| 05/07/2014           | 94.6015           | 1.0596                           | 0.2023               | 1.2620                   | 3.9540           |                                |                                 | 38.5663                                  | 50.3127                              |                                              |                                       |                     |
| 06/07/2014           | 94.5589           | 1.0539                           | 0.2038               | 1.2577                   | 4.0210           |                                |                                 | 38.5719                                  | 50.3192                              |                                              |                                       |                     |
| 07/07/2014           | 94.5754           | 1.0711                           | 0.2050               | 1.2761                   | 3.9860           |                                |                                 | 38.5559                                  | 50.2975                              |                                              |                                       |                     |
| 08/07/2014           | 94.5013           | 1.0852                           | 0.2044               | 1.2896                   | 4.0420           |                                |                                 | 38.5723                                  | 50.2977                              |                                              |                                       |                     |
| 09/07/2014           | 94.5273           | 1.1148                           | 0.2058               | 1.3206                   | 4.0040           |                                |                                 | 38.5333                                  | 50.2543                              |                                              |                                       |                     |
| 10/07/2014           | 94.4002           | 1.1089                           | 0.1920               | 1.3010                   | 4.1380           |                                |                                 | 38.5881                                  | 50.2959                              |                                              |                                       |                     |
| 11/07/2014           | 94.3852           | 1.0760                           | 0.1955               | 1.2715                   | 4.1550           |                                |                                 | 38.6269                                  | 50.3424                              |                                              |                                       |                     |
| 12/07/2014           | 94.4474           | 1.0525                           | 0.1979               | 1.2504                   | 4.1300           |                                |                                 | 38.6078                                  | 50.3441                              |                                              |                                       |                     |
| 13/07/2014           | 94.3786           | 1.0597                           | 0.1963               | 1.2560                   | 4.1940           |                                |                                 | 38.6213                                  | 50.3472                              |                                              |                                       |                     |
| 14/07/2014           | 94.6745           | 1.0484                           | 0.1995               | 1.2479                   | 3.9420           |                                |                                 | 38.5310                                  | 50.3018                              |                                              |                                       |                     |
| 15/07/2014           | 94.5336           | 1.0990                           | 0.2068               | 1.3058                   | 4.0550           |                                |                                 | 38.5190                                  | 50.2568                              |                                              |                                       |                     |
| 16/07/2014           | 94.5718           | 1.0977                           | 0.2034               | 1.3011                   | 4.0140           |                                |                                 | 38.5146                                  | 50.2568                              |                                              |                                       |                     |
| 17/07/2014           | 94.6513           | 1.0805                           | 0.2034               | 1.2840                   | 3.9440           |                                |                                 | 38.5072                                  | 50.2642                              |                                              |                                       |                     |
| 18/07/2014           | 94.5756           | 1.0862                           | 0.2034               | 1.2896                   | 4.0030           |                                |                                 | 38.5295                                  | 50.2731                              |                                              |                                       |                     |
| 19/07/2014           | 94.2978           | 1.0780                           | 0.2005               | 1.2785                   | 4.2730           |                                |                                 | 38.6264                                  | 50.3356                              |                                              |                                       |                     |
| 20/07/2014           | 94.3805           | 1.0865                           | 0.2018               | 1.2883                   | 4.1470           |                                |                                 | 38.6056                                  | 50.3170                              |                                              |                                       |                     |
| 21/07/2014           | 94.4387           | 1.0464                           | 0.2028               | 1.2492                   | 4.1670           |                                |                                 | 38.6007                                  | 50.3416                              |                                              |                                       |                     |
| 22/07/2014           | 94.3338           | 1.0730                           | 0.2011               | 1.2741                   | 4.2250           |                                |                                 | 38.6235                                  | 50.3369                              |                                              |                                       |                     |
| 23/07/2014           | 94.2320           | 1.0817                           | 0.1967               | 1.2784                   | 4.3540           |                                |                                 | 38.6334                                  | 50.3393                              |                                              |                                       |                     |
| 24/07/2014           | 94.3117           | 1.0788                           | 0.1992               | 1.2779                   | 4.2790           |                                |                                 | 38.6095                                  | 50.3260                              |                                              |                                       |                     |
| 25/07/2014           | 94.3598           | 1.0642                           | 0.1986               | 1.2628                   | 4.2470           |                                |                                 | 38.6072                                  | 50.3350                              |                                              |                                       |                     |
| 26/07/2014           | 94.4391           | 1.0617                           | 0.1979               | 1.2595                   | 4.1500           |                                |                                 | 38.5948                                  | 50.3298                              |                                              |                                       |                     |
| 27/07/2014           | 94.3756           | 1.1088                           | 0.2018               | 1.3106                   | 4.1300           |                                |                                 | 38.5910                                  | 50.2933                              |                                              |                                       |                     |
| 28/07/2014           | 94.3290           | 1.0953                           | 0.1996               | 1.2949                   | 4.2060           |                                |                                 | 38.6092                                  | 50.3144                              |                                              |                                       |                     |
| 29/07/2014           | 94.3151           | 1.0823                           | 0.2013               | 1.2836                   | 4.2570           |                                |                                 | 38.6126                                  | 50.3243                              |                                              |                                       |                     |
| 30/07/2014           | 94.2895           | 1.0864                           | 0.2016               | 1.2880                   | 4.3100           |                                |                                 | 38.6023                                  | 50.3156                              |                                              |                                       |                     |
| 31/07/2014           | 94.3455           | 1.0769                           | 0.2005               | 1.2775                   | 4.2600           |                                |                                 | 38.5955                                  | 50.3187                              |                                              |                                       |                     |

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

|                   |         |        |        |        |        |  |  |         |         |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| <b>Mínimo</b>     | 94.2320 | 1.0464 | 0.1920 | 1.2479 | 3.9330 |  |  | 38.5072 | 50.2543 |  |
| <b>Promedio</b>   | 94.4545 | 1.0766 | 0.2012 | 1.2778 | 4.1166 |  |  | 38.5807 | 50.3100 |  |
| <b>Máximo</b>     | 94.6745 | 1.1148 | 0.2070 | 1.3206 | 4.3540 |  |  | 38.6334 | 50.3472 |  |
| <b>Desv. Est.</b> | 0.1221  | 0.0180 | 0.0034 | 0.0184 | 0.1226 |  |  | 0.0366  | 0.0270  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |
|--------------------|---------------------------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |
| PUNTO DE MEDICIÓN: | Kinder Morgan Reynosa           |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  |
|                    | PROMEDIO/DÍA                    |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 94.8290           | 1.1230                           | 0.1780               | 1.3010                   | 3.6270           |                                |                    | 38.4990                     | 50.2408                 |                                 |                          |                     |
| 02/07/2014           | 94.8320           | 1.1230                           | 0.1760               | 1.2990                   | 3.6270           |                                |                    | 38.4990                     | 50.2408                 |                                 |                          |                     |
| 03/07/2014           | 94.6830           | 1.2060                           | 0.2510               | 1.4570                   | 3.6520           |                                |                    | 38.4220                     | 50.1062                 |                                 |                          |                     |
| 04/07/2014           | 94.7190           | 1.2070                           | 0.2160               | 1.4230                   | 3.6510           |                                |                    | 38.4350                     | 50.1316                 |                                 |                          |                     |
| 05/07/2014           | 94.7320           | 1.2070                           | 0.2030               | 1.4100                   | 3.6500           |                                |                    | 38.4400                     | 50.1382                 |                                 |                          |                     |
| 06/07/2014           | 94.7330           | 1.2080                           | 0.1940               | 1.4020                   | 3.6560           |                                |                    | 38.4440                     | 50.1434                 |                                 |                          |                     |
| 07/07/2014           | 94.7340           | 1.2080                           | 0.1900               | 1.3980                   | 3.6600           |                                |                    | 38.4470                     | 50.1473                 |                                 |                          |                     |
| 08/07/2014           | 94.7370           | 1.2080                           | 0.1860               | 1.3940                   | 3.6600           |                                |                    | 38.4500                     | 50.1512                 |                                 |                          |                     |
| 09/07/2014           | 94.7450           | 1.2080                           | 0.1840               | 1.3920                   | 3.6550           |                                |                    | 38.4480                     | 50.1529                 |                                 |                          |                     |
| 10/07/2014           | 94.7490           | 1.2080                           | 0.1820               | 1.3900                   | 3.6530           |                                |                    | 38.4469                     | 50.1515                 |                                 |                          |                     |
| 11/07/2014           | 94.7520           | 1.2080                           | 0.1800               | 1.3880                   | 3.6530           |                                |                    | 38.4490                     | 50.1541                 |                                 |                          |                     |
| 12/07/2014           | 94.9610           | 1.1890                           | 0.3790               | 1.5680                   | 3.2280           |                                |                    | 38.3370                     | 50.0806                 |                                 |                          |                     |
| 13/07/2014           | 95.0720           | 1.1900                           | 0.2630               | 1.4530                   | 3.2310           |                                |                    | 38.3430                     | 50.0671                 |                                 |                          |                     |
| 14/07/2014           | 95.1030           | 1.1910                           | 0.2320               | 1.4230                   | 3.2310           |                                |                    | 38.3560                     | 50.0883                 |                                 |                          |                     |
| 15/07/2014           | 95.1230           | 1.1930                           | 0.2110               | 1.4040                   | 3.2310           |                                |                    | 38.3600                     | 50.0977                 |                                 |                          |                     |
| 16/07/2014           | 95.1260           | 1.1920                           | 0.2040               | 1.3960                   | 3.2350           |                                |                    | 38.3650                     | 50.1043                 |                                 |                          |                     |
| 17/07/2014           | 95.1310           | 1.1930                           | 0.1980               | 1.3910                   | 3.2340           |                                |                    | 38.3680                     | 50.1082                 |                                 |                          |                     |
| 18/07/2014           | 95.1350           | 1.1920                           | 0.1940               | 1.3860                   | 3.2340           |                                |                    | 38.3710                     | 50.1122                 |                                 |                          |                     |
| 19/07/2014           | 95.1280           | 1.1920                           | 0.1990               | 1.3910                   | 3.2360           |                                |                    | 38.3710                     | 50.1078                 |                                 |                          |                     |
| 20/07/2014           | 95.1360           | 1.1930                           | 0.1900               | 1.3830                   | 3.2350           |                                |                    | 38.3740                     | 50.1161                 |                                 |                          |                     |
| 21/07/2014           | 94.0670           | 1.1690                           | 0.2100               | 1.3790                   | 3.6910           |                                |                    | 38.9990                     | 50.4781                 |                                 |                          |                     |
| 22/07/2014           | 94.0790           | 1.1690                           | 0.1960               | 1.3650                   | 3.6920           |                                |                    | 39.0050                     | 50.4858                 |                                 |                          |                     |
| 23/07/2014           | 94.0740           | 1.1690                           | 0.2020               | 1.3710                   | 3.6920           |                                |                    | 39.0010                     | 50.4807                 |                                 |                          |                     |
| 24/07/2014           | 94.0740           | 1.1710                           | 0.1950               | 1.3660                   | 3.6940           |                                |                    | 39.0080                     | 50.4897                 |                                 |                          |                     |
| 25/07/2014           | 94.0860           | 1.1700                           | 0.1850               | 1.3550                   | 3.6950           |                                |                    | 39.0090                     | 50.4952                 |                                 |                          |                     |
| 26/07/2014           | 93.4950           | 1.3430                           | 0.2180               | 1.5610                   | 4.5240           |                                |                    | 38.7820                     | 50.2350                 |                                 |                          |                     |
| 27/07/2014           | 93.5040           | 1.3440                           | 0.2030               | 1.5470                   | 4.5300           |                                |                    | 38.7860                     | 50.2403                 |                                 |                          |                     |
| 28/07/2014           | 93.5080           | 1.3440                           | 0.1990               | 1.5430                   | 4.5310           |                                |                    | 38.7860                     | 50.2445                 |                                 |                          |                     |
| 29/07/2014           | 93.5040           | 1.3440                           | 0.2020               | 1.5460                   | 4.5300           |                                |                    | 38.7860                     | 50.2445                 |                                 |                          |                     |
| 30/07/2014           | 93.5090           | 1.3440                           | 0.1940               | 1.5380                   | 4.5320           |                                |                    | 38.7930                     | 50.2493                 |                                 |                          |                     |
| 31/07/2014           | 93.8350           | 1.2010                           | 0.2150               | 1.4160                   | 4.4030           |                                |                    | 38.7600                     | 50.3207                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 93.4950 | 1.1230 | 0.1760 | 1.2990 | 3.2280 |  |  | 38.3370 | 50.0671 |  |
| Promedio   | 94.5127 | 1.2131 | 0.2074 | 1.4205 | 3.7017 |  |  | 38.5787 | 50.2130 |  |
| Máximo     | 95.1360 | 1.3440 | 0.3790 | 1.5680 | 4.5320 |  |  | 39.0090 | 50.4952 |  |
| Desv. Est. | 0.5855  | 0.0621 | 0.0373 | 0.0725 | 0.4445 |  |  | 0.2426  | 0.1365  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Tennessee                       |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 95.2755           | 0.5933                           | 0.1553               | 0.7487                   | 3.8510           |                                |                                 | 38.6695                                  | 50.7155                              |                                              |                                       |                     |
| 02/07/2014           | 95.1750           | 0.5448                           | 0.1473               | 0.6921                   | 3.9930           |                                |                                 | 38.7414                                  | 50.7938                              |                                              |                                       |                     |
| 03/07/2014           | 95.3306           | 0.5302                           | 0.1482               | 0.6783                   | 3.8860           |                                |                                 | 38.6922                                  | 50.7761                              |                                              |                                       |                     |
| 04/07/2014           | 95.4626           | 0.5617                           | 0.1506               | 0.7123                   | 3.7150           |                                |                                 | 38.6342                                  | 50.7199                              |                                              |                                       |                     |
| 05/07/2014           | 95.4189           | 0.5795                           | 0.1488               | 0.7283                   | 3.7390           |                                |                                 | 38.6365                                  | 50.7094                              |                                              |                                       |                     |
| 06/07/2014           | 95.9693           | 0.5697                           | 0.1513               | 0.7210                   | 3.1840           |                                |                                 | 38.4874                                  | 50.6306                              |                                              |                                       |                     |
| 07/07/2014           | 95.1146           | 0.5286                           | 0.1468               | 0.6754                   | 4.0490           |                                |                                 | 38.7798                                  | 50.8269                              |                                              |                                       |                     |
| 08/07/2014           | 94.6975           | 0.5379                           | 0.1421               | 0.6800                   | 4.4490           |                                |                                 | 38.8998                                  | 50.8904                              |                                              |                                       |                     |
| 09/07/2014           | 94.9688           | 0.5052                           | 0.1395               | 0.6447                   | 4.2620           |                                |                                 | 38.8254                                  | 50.8730                              |                                              |                                       |                     |
| 10/07/2014           | 94.9723           | 0.5076                           | 0.1397               | 0.6473                   | 4.2760           |                                |                                 | 38.8138                                  | 50.8648                              |                                              |                                       |                     |
| 11/07/2014           | 95.2772           | 0.5583                           | 0.1478               | 0.7060                   | 3.9130           |                                |                                 | 38.6885                                  | 50.7545                              |                                              |                                       |                     |
| 12/07/2014           | 95.2771           | 0.5400                           | 0.1498               | 0.6898                   | 3.9280           |                                |                                 | 38.6995                                  | 50.7725                              |                                              |                                       |                     |
| 13/07/2014           | 96.2111           | 0.5383                           | 0.1510               | 0.6893                   | 3.0090           |                                |                                 | 38.4291                                  | 50.6202                              |                                              |                                       |                     |
| 14/07/2014           | 95.6792           | 0.5793                           | 0.1533               | 0.7326                   | 3.4830           |                                |                                 | 38.5579                                  | 50.6631                              |                                              |                                       |                     |
| 15/07/2014           | 95.5595           | 0.5696                           | 0.1511               | 0.7207                   | 3.6190           |                                |                                 | 38.5978                                  | 50.6936                              |                                              |                                       |                     |
| 16/07/2014           | 95.2023           | 0.5081                           | 0.1463               | 0.6543                   | 4.0350           |                                |                                 | 38.7460                                  | 50.8231                              |                                              |                                       |                     |
| 17/07/2014           | 94.9456           | 0.5188                           | 0.1424               | 0.6612                   | 4.2880           |                                |                                 | 38.8120                                  | 50.8545                              |                                              |                                       |                     |
| 18/07/2014           | 95.1720           | 0.5498                           | 0.1478               | 0.6976                   | 4.0240           |                                |                                 | 38.7250                                  | 50.7811                              |                                              |                                       |                     |
| 19/07/2014           | 94.9399           | 0.5405                           | 0.1435               | 0.6840                   | 4.2390           |                                |                                 | 38.8130                                  | 50.8391                              |                                              |                                       |                     |
| 20/07/2014           | 95.2132           | 0.5908                           | 0.1486               | 0.7394                   | 3.9270           |                                |                                 | 38.6906                                  | 50.7324                              |                                              |                                       |                     |
| 21/07/2014           | 94.8973           | 0.5447                           | 0.1444               | 0.6891                   | 4.3020           |                                |                                 | 38.8105                                  | 50.8346                              |                                              |                                       |                     |
| 22/07/2014           | 94.7953           | 0.5551                           | 0.1456               | 0.7007                   | 4.3860           |                                |                                 | 38.8342                                  | 50.8401                              |                                              |                                       |                     |
| 23/07/2014           | 95.0010           | 0.5250                           | 0.1443               | 0.6693                   | 4.2220           |                                |                                 | 38.7922                                  | 50.8380                              |                                              |                                       |                     |
| 24/07/2014           | 95.3082           | 0.5517                           | 0.1460               | 0.6977                   | 3.8690           |                                |                                 | 38.6925                                  | 50.7620                              |                                              |                                       |                     |
| 25/07/2014           | 95.4639           | 0.5731                           | 0.1491               | 0.7222                   | 3.6770           |                                |                                 | 38.6353                                  | 50.7131                              |                                              |                                       |                     |
| 26/07/2014           | 95.2134           | 0.5436                           | 0.1454               | 0.6890                   | 3.9420           |                                |                                 | 38.7388                                  | 50.7941                              |                                              |                                       |                     |
| 27/07/2014           | 95.1277           | 0.5566                           | 0.1447               | 0.7013                   | 4.0220           |                                |                                 | 38.7523                                  | 50.7929                              |                                              |                                       |                     |
| 28/07/2014           | 95.1465           | 0.5242                           | 0.1436               | 0.6678                   | 4.0800           |                                |                                 | 38.7523                                  | 50.8165                              |                                              |                                       |                     |
| 29/07/2014           | 95.1759           | 0.5449                           | 0.1432               | 0.6881                   | 4.0340           |                                |                                 | 38.7286                                  | 50.7887                              |                                              |                                       |                     |
| 30/07/2014           | 95.3667           | 0.5784                           | 0.1464               | 0.7248                   | 3.8020           |                                |                                 | 38.6519                                  | 50.7202                              |                                              |                                       |                     |
| 31/07/2014           | 95.4534           | 0.5343                           | 0.1456               | 0.6798                   | 3.7550           |                                |                                 | 38.6597                                  | 50.7560                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 94.6975 | 0.5052 | 0.1395 | 0.6447 | 3.0090 |  |  | 38.4291 | 50.6202 |  |
| Promedio   | 95.2520 | 0.5478 | 0.1468 | 0.6946 | 3.9342 |  |  | 38.7093 | 50.7739 |  |
| Máximo     | 96.2111 | 0.5933 | 0.1553 | 0.7487 | 4.4490 |  |  | 38.8998 | 50.8904 |  |
| Desv. Est. | 0.3171  | 0.0238 | 0.0037 | 0.0266 | 0.3236 |  |  | 0.1026  | 0.0697  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Pandura                         |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 92.6356           | 0.9977                           | 0.0978               | 1.0955                   | 4.1183           |                                |                                 | 40.4954                                  | 51.4791                              |                                              |                                       |                     |
| 02/07/2014           | 92.5453           | 0.9983                           | 0.0988               | 1.0971                   | 4.1003           |                                |                                 | 40.7131                                  | 51.5976                              |                                              |                                       |                     |
| 03/07/2014           | 92.5639           | 1.0018                           | 0.0987               | 1.1005                   | 4.0978           |                                |                                 | 40.6815                                  | 51.5783                              |                                              |                                       |                     |
| 04/07/2014           | 92.5223           | 0.9982                           | 0.0983               | 1.0965                   | 4.1030           |                                |                                 | 40.7462                                  | 51.6188                              |                                              |                                       |                     |
| 05/07/2014           | 92.5579           | 1.0013                           | 0.0980               | 1.0993                   | 4.0855           |                                |                                 | 40.7224                                  | 51.6011                              |                                              |                                       |                     |
| 06/07/2014           | 92.5722           | 1.0006                           | 0.0984               | 1.0990                   | 4.0765           |                                |                                 | 40.7177                                  | 51.5993                              |                                              |                                       |                     |
| 07/07/2014           | 92.5817           | 0.9955                           | 0.0985               | 1.0940                   | 4.1137           |                                |                                 | 40.6165                                  | 51.5497                              |                                              |                                       |                     |
| 08/07/2014           | 92.5264           | 1.0005                           | 0.0982               | 1.0987                   | 4.1099           |                                |                                 | 40.7215                                  | 51.6042                              |                                              |                                       |                     |
| 09/07/2014           | 92.4864           | 0.9987                           | 0.0984               | 1.0971                   | 4.1051           |                                |                                 | 40.8192                                  | 51.6574                              |                                              |                                       |                     |
| 10/07/2014           | 92.5435           | 0.9992                           | 0.0979               | 1.0971                   | 4.0957           |                                |                                 | 40.7327                                  | 51.6100                              |                                              |                                       |                     |
| 11/07/2014           | 92.5500           | 1.0011                           | 0.0976               | 1.0987                   | 4.1057           |                                |                                 | 40.6932                                  | 51.5849                              |                                              |                                       |                     |
| 12/07/2014           | 92.5505           | 1.0016                           | 0.0983               | 1.0999                   | 4.0952           |                                |                                 | 40.6941                                  | 51.5859                              |                                              |                                       |                     |
| 13/07/2014           | 92.5254           | 0.9978                           | 0.0985               | 1.0963                   | 4.1103           |                                |                                 | 40.7126                                  | 51.6011                              |                                              |                                       |                     |
| 14/07/2014           | 92.5324           | 1.0012                           | 0.0986               | 1.0998                   | 4.1102           |                                |                                 | 40.6977                                  | 51.5905                              |                                              |                                       |                     |
| 15/07/2014           | 92.5079           | 0.9969                           | 0.0988               | 1.0957                   | 4.1180           |                                |                                 | 40.7357                                  | 51.6139                              |                                              |                                       |                     |
| 16/07/2014           | 92.5330           | 0.9998                           | 0.0980               | 1.0978                   | 4.1092           |                                |                                 | 40.7143                                  | 51.5991                              |                                              |                                       |                     |
| 17/07/2014           | 92.5989           | 0.9980                           | 0.0992               | 1.0972                   | 4.1083           |                                |                                 | 40.6514                                  | 51.5650                              |                                              |                                       |                     |
| 18/07/2014           | 92.4884           | 1.0031                           | 0.0984               | 1.1015                   | 4.1044           |                                |                                 | 40.7634                                  | 51.6241                              |                                              |                                       |                     |
| 19/07/2014           | 92.5420           | 1.0024                           | 0.0986               | 1.1010                   | 4.1003           |                                |                                 | 40.7197                                  | 51.6018                              |                                              |                                       |                     |
| 20/07/2014           | 92.5149           | 1.0051                           | 0.0989               | 1.1040                   | 4.1031           |                                |                                 | 40.7409                                  | 51.6079                              |                                              |                                       |                     |
| 21/07/2014           | 92.4556           | 0.9966                           | 0.0985               | 1.0951                   | 4.1406           |                                |                                 | 40.7814                                  | 51.6385                              |                                              |                                       |                     |
| 22/07/2014           | 92.5230           | 0.9985                           | 0.0989               | 1.0974                   | 4.1026           |                                |                                 | 40.7380                                  | 51.6126                              |                                              |                                       |                     |
| 23/07/2014           | 92.5432           | 0.9997                           | 0.0988               | 1.0985                   | 4.0887           |                                |                                 | 40.7380                                  | 51.6126                              |                                              |                                       |                     |
| 24/07/2014           | 92.5532           | 0.9991                           | 0.0988               | 1.0979                   | 4.0784           |                                |                                 | 40.7473                                  | 51.6161                              |                                              |                                       |                     |
| 25/07/2014           | 92.4973           | 1.0008                           | 0.0990               | 1.0998                   | 4.1086           |                                |                                 | 40.7648                                  | 51.6258                              |                                              |                                       |                     |
| 26/07/2014           | 92.5570           | 0.9978                           | 0.0989               | 1.0967                   | 4.0933           |                                |                                 | 40.7213                                  | 51.6038                              |                                              |                                       |                     |
| 27/07/2014           | 92.5350           | 1.0041                           | 0.0991               | 1.1032                   | 4.0965           |                                |                                 | 40.7116                                  | 51.5958                              |                                              |                                       |                     |
| 28/07/2014           | 92.5351           | 0.9994                           | 0.0990               | 1.0984                   | 4.1043           |                                |                                 | 40.7165                                  | 51.6019                              |                                              |                                       |                     |
| 29/07/2014           | 92.4889           | 1.0012                           | 0.0989               | 1.1001                   | 4.1018           |                                |                                 | 40.8002                                  | 51.6459                              |                                              |                                       |                     |
| 30/07/2014           | 92.5460           | 1.0056                           | 0.0992               | 1.1048                   | 4.0697           |                                |                                 | 40.7601                                  | 51.6199                              |                                              |                                       |                     |
| 31/07/2014           | 92.5600           | 1.0044                           | 0.0989               | 1.1033                   | 4.0654           |                                |                                 | 40.7545                                  | 51.6169                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 92.4556 | 0.9955 | 0.0976 | 1.0940 | 4.0654 |  |  | 40.4954 | 51.4791 |  |
| Promedio   | 92.5378 | 1.0002 | 0.0986 | 1.0988 | 4.1007 |  |  | 40.7201 | 51.6019 |  |
| Máximo     | 92.6356 | 1.0056 | 0.0992 | 1.1048 | 4.1406 |  |  | 40.8192 | 51.6574 |  |
| Desv. Est. | 0.0352  | 0.0025 | 0.0004 | 0.0027 | 0.0150 |  |  | 0.0575  | 0.0313  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Tetco                           |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DÍA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 37,30 - 43,60 )     | Norma ( 48,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 94.7435           | 0.6081                           | 0.2438               | 0.8520                   | 4.1140           |                                |                    | 38.8136                     | 50.7451                 |                                 |                          |                     |
| 02/07/2014           | 95.6949           | 0.5848                           | 0.3051               | 0.8900                   | 3.0950           |                                |                    | 38.5302                     | 50.5722                 |                                 |                          |                     |
| 03/07/2014           | 95.6154           | 0.5438                           | 0.1985               | 0.7424                   | 3.3370           |                                |                    | 38.6463                     | 50.7161                 |                                 |                          |                     |
| 04/07/2014           | 96.2063           | 0.5084                           | 0.1793               | 0.6878                   | 2.8530           |                                |                    | 38.4894                     | 50.6614                 |                                 |                          |                     |
| 05/07/2014           | 96.3908           | 0.5166                           | 0.1740               | 0.6907                   | 2.6790           |                                |                    | 38.4293                     | 50.6239                 |                                 |                          |                     |
| 06/07/2014           | 96.0244           | 0.4368                           | 0.1742               | 0.6110                   | 3.1490           |                                |                    | 38.5825                     | 50.7673                 |                                 |                          |                     |
| 07/07/2014           | 95.1725           | 0.4388                           | 0.1751               | 0.6138                   | 3.9220           |                                |                    | 38.8539                     | 50.9180                 |                                 |                          |                     |
| 08/07/2014           | 93.7673           | 0.4798                           | 0.2850               | 0.7647                   | 5.0560           |                                |                    | 39.1913                     | 51.0288                 |                                 |                          |                     |
| 09/07/2014           | 94.1536           | 0.4990                           | 0.4079               | 0.9069                   | 4.6290           |                                |                    | 38.9489                     | 50.8229                 |                                 |                          |                     |
| 10/07/2014           | 94.5653           | 0.4199                           | 0.1681               | 0.5880                   | 4.5760           |                                |                    | 39.0268                     | 51.0327                 |                                 |                          |                     |
| 11/07/2014           | 94.2201           | 0.3695                           | 0.1799               | 0.5493                   | 4.9390           |                                |                    | 39.1572                     | 51.1358                 |                                 |                          |                     |
| 12/07/2014           | 93.6710           | 0.3893                           | 0.1798               | 0.5690                   | 5.4420           |                                |                    | 39.3098                     | 51.2077                 |                                 |                          |                     |
| 13/07/2014           | 93.5855           | 0.4571                           | 0.1988               | 0.6560                   | 5.4130           |                                |                    | 39.2891                     | 51.1396                 |                                 |                          |                     |
| 14/07/2014           | 93.1749           | 0.5112                           | 0.1875               | 0.6988                   | 5.7970           |                                |                    | 39.3725                     | 51.1539                 |                                 |                          |                     |
| 15/07/2014           | 92.7363           | 0.4592                           | 0.1970               | 0.6562                   | 6.2560           |                                |                    | 39.5309                     | 51.2747                 |                                 |                          |                     |
| 16/07/2014           | 93.6846           | 0.4520                           | 0.1788               | 0.6308                   | 5.4220           |                                |                    | 39.2457                     | 51.1285                 |                                 |                          |                     |
| 17/07/2014           | 93.3379           | 0.4784                           | 0.1766               | 0.6550                   | 5.7370           |                                |                    | 39.3319                     | 51.1593                 |                                 |                          |                     |
| 18/07/2014           | 93.8420           | 0.4500                           | 0.1798               | 0.6299                   | 5.2710           |                                |                    | 39.2017                     | 51.1045                 |                                 |                          |                     |
| 19/07/2014           | 94.9313           | 0.4225                           | 0.1653               | 0.5877                   | 4.2550           |                                |                    | 38.9103                     | 50.9667                 |                                 |                          |                     |
| 20/07/2014           | 94.7782           | 0.4588                           | 0.1676               | 0.6263                   | 4.3100           |                                |                    | 38.9601                     | 50.9673                 |                                 |                          |                     |
| 21/07/2014           | 95.4144           | 0.5037                           | 0.1665               | 0.6702                   | 3.6780           |                                |                    | 38.7300                     | 50.8067                 |                                 |                          |                     |
| 22/07/2014           | 95.4386           | 0.5427                           | 0.1896               | 0.7323                   | 3.5910           |                                |                    | 38.6799                     | 50.7402                 |                                 |                          |                     |
| 23/07/2014           | 94.4215           | 0.4299                           | 0.1876               | 0.6175                   | 4.6730           |                                |                    | 39.0594                     | 51.0344                 |                                 |                          |                     |
| 24/07/2014           | 92.9169           | 0.3268                           | 0.1766               | 0.5034                   | 6.2350           |                                |                    | 39.5784                     | 51.4030                 |                                 |                          |                     |
| 25/07/2014           | 92.8864           | 0.3125                           | 0.1654               | 0.4779                   | 6.3160           |                                |                    | 39.5960                     | 51.4280                 |                                 |                          |                     |
| 26/07/2014           | 91.5847           | 0.4411                           | 0.1776               | 0.6187                   | 7.4470           |                                |                    | 39.8820                     | 51.4927                 |                                 |                          |                     |
| 27/07/2014           | 92.1512           | 0.2873                           | 0.1822               | 0.4695                   | 7.0260           |                                |                    | 39.8280                     | 51.5670                 |                                 |                          |                     |
| 28/07/2014           | 93.9176           | 0.3775                           | 0.1680               | 0.5455                   | 5.1770           |                                |                    | 39.2784                     | 51.2031                 |                                 |                          |                     |
| 29/07/2014           | 94.1515           | 0.3860                           | 0.1757               | 0.5618                   | 5.0440           |                                |                    | 39.1565                     | 51.1257                 |                                 |                          |                     |
| 30/07/2014           | 94.4225           | 0.4224                           | 0.1638               | 0.5862                   | 4.8030           |                                |                    | 39.0426                     | 51.0418                 |                                 |                          |                     |
| 31/07/2014           | 94.9724           | 0.4331                           | 0.1499               | 0.5830                   | 4.2910           |                                |                    | 38.8759                     | 50.9465                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 91.5847 | 0.2873 | 0.1499 | 0.4695 | 2.6790 |  |  | 38.4293 | 50.5722 |  |
| Promedio   | 94.2766 | 0.4499 | 0.1944 | 0.6443 | 4.7914 |  |  | 39.0816 | 51.0295 |  |
| Máximo     | 96.3908 | 0.6081 | 0.4079 | 0.9069 | 7.4470 |  |  | 39.8820 | 51.5670 |  |
| Desv. Est. | 1.1808  | 0.0737 | 0.0516 | 0.1064 | 1.1959 |  |  | 0.3783  | 0.2559  |  |

Observaciones: Sin Importación del 5 al 7

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Valtierrilla                    |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 90.6925           | 0.3133                           | 2.7017               | 3.0149                   | 5.2540           |                                |                                 | 38.8028                                  | 49.8400                              |                                              |                                       |                     |
| 02/07/2014           | 90.9687           | 0.3137                           | 2.5945               | 2.9082                   | 5.1910           |                                |                                 | 38.7598                                  | 49.8619                              |                                              |                                       |                     |
| 03/07/2014           | 91.0386           | 0.3052                           | 2.7329               | 3.0381                   | 5.0470           |                                |                                 | 38.6350                                  | 49.7345                              |                                              |                                       |                     |
| 04/07/2014           | 91.0327           | 0.3153                           | 2.7467               | 3.0620                   | 5.0340           |                                |                                 | 38.6202                                  | 49.7132                              |                                              |                                       |                     |
| 05/07/2014           | 91.3458           | 0.3372                           | 2.4004               | 2.7376                   | 4.9280           |                                |                                 | 38.7904                                  | 49.9488                              |                                              |                                       |                     |
| 06/07/2014           | 91.5011           | 0.3051                           | 2.5028               | 2.8079                   | 4.7690           |                                |                                 | 38.6737                                  | 49.8580                              |                                              |                                       |                     |
| 07/07/2014           | 90.5230           | 0.2391                           | 3.3599               | 3.5990                   | 5.1360           |                                |                                 | 38.3624                                  | 49.3465                              |                                              |                                       |                     |
| 08/07/2014           | 91.1068           | 0.3162                           | 2.8257               | 3.1418                   | 5.1100           |                                |                                 | 38.4687                                  | 49.5909                              |                                              |                                       |                     |
| 09/07/2014           | 90.4140           | 0.3057                           | 3.3778               | 3.6835                   | 5.1840           |                                |                                 | 38.3313                                  | 49.2786                              |                                              |                                       |                     |
| 10/07/2014           | 90.8305           | 0.3244                           | 2.9073               | 3.2318                   | 5.1110           |                                |                                 | 38.5463                                  | 49.5919                              |                                              |                                       |                     |
| 11/07/2014           | 90.2747           | 0.2754                           | 3.3153               | 3.5906                   | 5.3260           |                                |                                 | 38.4629                                  | 49.4010                              |                                              |                                       |                     |
| 12/07/2014           | 89.8867           | 0.2652                           | 3.2242               | 3.4893                   | 5.7170           |                                |                                 | 38.6659                                  | 49.5658                              |                                              |                                       |                     |
| 13/07/2014           | 89.5184           | 0.2500                           | 3.6424               | 3.8923                   | 5.7550           |                                |                                 | 38.4760                                  | 49.2858                              |                                              |                                       |                     |
| 14/07/2014           | 89.8784           | 0.2983                           | 3.4872               | 3.7855                   | 5.5300           |                                |                                 | 38.4402                                  | 49.2989                              |                                              |                                       |                     |
| 15/07/2014           | 90.2104           | 0.3155                           | 3.1030               | 3.4185                   | 5.5090           |                                |                                 | 38.6050                                  | 49.5502                              |                                              |                                       |                     |
| 16/07/2014           | 90.9303           | 0.2988                           | 2.6075               | 2.9063                   | 5.3710           |                                |                                 | 38.7172                                  | 49.8409                              |                                              |                                       |                     |
| 17/07/2014           | 90.2292           | 0.3008                           | 2.9125               | 3.2133                   | 5.7630           |                                |                                 | 38.7162                                  | 49.7078                              |                                              |                                       |                     |
| 18/07/2014           | 90.8033           | 0.3386                           | 2.6242               | 2.9628                   | 5.4750           |                                |                                 | 38.7110                                  | 49.8057                              |                                              |                                       |                     |
| 19/07/2014           | 90.3221           | 0.2813                           | 3.6865               | 3.9679                   | 5.0300           |                                |                                 | 38.1551                                  | 49.0564                              |                                              |                                       |                     |
| 20/07/2014           | 90.7444           | 0.3492                           | 2.9643               | 3.3135                   | 5.0880           |                                |                                 | 38.5315                                  | 49.5445                              |                                              |                                       |                     |
| 21/07/2014           | 89.9951           | 0.2697                           | 3.6847               | 3.9543                   | 5.3080           |                                |                                 | 38.2683                                  | 49.1328                              |                                              |                                       |                     |
| 22/07/2014           | 89.6575           | 0.2678                           | 4.1280               | 4.3958                   | 5.2080           |                                |                                 | 38.0698                                  | 48.8251                              |                                              |                                       |                     |
| 23/07/2014           | 90.1330           | 0.2808                           | 3.8322               | 4.1130                   | 5.1480           |                                |                                 | 38.0903                                  | 48.9556                              |                                              |                                       |                     |
| 24/07/2014           | 90.2351           | 0.3003                           | 3.4970               | 3.7973                   | 5.2970           |                                |                                 | 38.2904                                  | 49.2050                              |                                              |                                       |                     |
| 25/07/2014           | 90.1590           | 0.2708                           | 3.0171               | 3.2879                   | 5.8540           |                                |                                 | 38.6635                                  | 49.6518                              |                                              |                                       |                     |
| 26/07/2014           | 90.2415           | 0.2809                           | 3.5211               | 3.8020                   | 5.3000           |                                |                                 | 38.2865                                  | 49.2052                              |                                              |                                       |                     |
| 27/07/2014           | 90.6059           | 0.2989                           | 3.1166               | 3.4155                   | 5.2680           |                                |                                 | 38.4498                                  | 49.4639                              |                                              |                                       |                     |
| 28/07/2014           | 90.3127           | 0.2693                           | 3.2218               | 3.4910                   | 5.4360           |                                |                                 | 38.4985                                  | 49.4663                              |                                              |                                       |                     |
| 29/07/2014           | 90.7231           | 0.2787                           | 3.0199               | 3.2986                   | 5.2540           |                                |                                 | 38.5017                                  | 49.5497                              |                                              |                                       |                     |
| 30/07/2014           | 90.1908           | 0.0875                           | 1.2321               | 1.3196                   | 8.1640           |                                |                                 | 39.8119                                  | 51.2227                              |                                              |                                       |                     |
| 31/07/2014           | 89.9188           | 0.0320                           | 0.8661               | 0.8982                   | 8.9830           |                                |                                 | 40.1234                                  | 51.6014                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 89.5184 | 0.0320 | 0.8661 | 0.8982 | 4.7690 |  |  | 38.0698 | 48.8251 |  |
| Promedio   | 90.4653 | 0.2802 | 2.9953 | 3.2754 | 5.5015 |  |  | 38.5976 | 49.6162 |  |
| Máximo     | 91.5011 | 0.3492 | 4.1280 | 4.3958 | 8.9830 |  |  | 40.1234 | 51.6014 |  |
| Desv. Est. | 0.4892  | 0.0646 | 0.6730 | 0.7104 | 0.8640 |  |  | 0.4182  | 0.5590  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Puebla                          |              |
| <b>ZONA DE MEDICIÓN:</b>  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 96.9800           | 0.1201                           | 1.0856               | 1.2057                   | 1.4560           |                                |                                 | 38.0311                                  | 50.2556                              |                                              |                                       |                     |
| 02/07/2014           | 97.2203           | 0.1204                           | 0.9819               | 1.1023                   | 1.3300           |                                |                                 | 38.0280                                  | 50.4212                              |                                              |                                       |                     |
| 03/07/2014           | 97.0812           | 0.1175                           | 1.0574               | 1.1750                   | 1.3880           |                                |                                 | 38.0193                                  | 50.2637                              |                                              |                                       |                     |
| 04/07/2014           | 97.4349           | 0.1217                           | 0.8670               | 0.9887                   | 1.2220           |                                |                                 | 38.0461                                  | 50.3647                              |                                              |                                       |                     |
| 05/07/2014           | 97.0123           | 0.1167                           | 1.0977               | 1.2144                   | 1.4170           |                                |                                 | 38.0131                                  | 50.2421                              |                                              |                                       |                     |
| 06/07/2014           | 96.9895           | 0.1167                           | 1.1024               | 1.2190                   | 1.4460           |                                |                                 | 38.0140                                  | 50.2403                              |                                              |                                       |                     |
| 07/07/2014           | 97.2179           | 0.1175                           | 0.9463               | 1.0638                   | 1.3700           |                                |                                 | 38.0549                                  | 50.3357                              |                                              |                                       |                     |
| 08/07/2014           | 96.8591           | 0.1152                           | 1.2068               | 1.3220                   | 1.4610           |                                |                                 | 37.9873                                  | 50.1778                              |                                              |                                       |                     |
| 09/07/2014           | 97.1005           | 0.1191                           | 1.0316               | 1.1508                   | 1.3780           |                                |                                 | 38.0374                                  | 50.2849                              |                                              |                                       |                     |
| 10/07/2014           | 96.9722           | 0.1179                           | 1.0477               | 1.1656                   | 1.4830           |                                |                                 | 38.0663                                  | 50.2948                              |                                              |                                       |                     |
| 11/07/2014           | 96.9640           | 0.1164                           | 1.0319               | 1.1483                   | 1.5070           |                                |                                 | 38.0820                                  | 50.3121                              |                                              |                                       |                     |
| 12/07/2014           | 97.0565           | 0.1159                           | 0.9472               | 1.0631                   | 1.4860           |                                |                                 | 38.1159                                  | 50.3710                              |                                              |                                       |                     |
| 13/07/2014           | 96.8541           | 0.1152                           | 1.1154               | 1.2305                   | 1.5320           |                                |                                 | 38.0588                                  | 50.2609                              |                                              |                                       |                     |
| 14/07/2014           | 96.9644           | 0.1156                           | 1.0363               | 1.1518                   | 1.4890           |                                |                                 | 38.0837                                  | 50.3116                              |                                              |                                       |                     |
| 15/07/2014           | 96.7223           | 0.1146                           | 1.1103               | 1.2249                   | 1.6580           |                                |                                 | 38.1036                                  | 50.2893                              |                                              |                                       |                     |
| 16/07/2014           | 96.7493           | 0.1150                           | 1.0340               | 1.1489                   | 1.6990           |                                |                                 | 38.1491                                  | 50.3506                              |                                              |                                       |                     |
| 17/07/2014           | 96.4923           | 0.1138                           | 1.1828               | 1.2966                   | 1.8260           |                                |                                 | 38.1176                                  | 50.2643                              |                                              |                                       |                     |
| 18/07/2014           | 96.2665           | 0.1105                           | 1.4708               | 1.5813                   | 1.7630           |                                |                                 | 37.9949                                  | 50.0635                              |                                              |                                       |                     |
| 19/07/2014           | 96.3005           | 0.1115                           | 1.4913               | 1.6028                   | 1.7020           |                                |                                 | 37.9722                                  | 50.0404                              |                                              |                                       |                     |
| 20/07/2014           | 96.1419           | 0.1098                           | 1.5787               | 1.6885                   | 1.7780           |                                |                                 | 37.9559                                  | 49.9915                              |                                              |                                       |                     |
| 21/07/2014           | 96.1490           | 0.1083                           | 1.6275               | 1.7359                   | 1.7430           |                                |                                 | 37.9165                                  | 49.9476                              |                                              |                                       |                     |
| 22/07/2014           | 96.4329           | 0.1127                           | 1.4739               | 1.5865                   | 1.6270           |                                |                                 | 37.9329                                  | 50.0249                              |                                              |                                       |                     |
| 23/07/2014           | 96.4798           | 0.1133                           | 1.3720               | 1.4853                   | 1.6710           |                                |                                 | 37.9925                                  | 50.1054                              |                                              |                                       |                     |
| 24/07/2014           | 96.3863           | 0.1132                           | 1.3731               | 1.4863                   | 1.7340           |                                |                                 | 38.0322                                  | 50.1278                              |                                              |                                       |                     |
| 25/07/2014           | 96.5337           | 0.1139                           | 1.3072               | 1.4211                   | 1.6780           |                                |                                 | 38.0236                                  | 50.1527                              |                                              |                                       |                     |
| 26/07/2014           | 96.4565           | 0.1133                           | 1.2976               | 1.4109                   | 1.7380           |                                |                                 | 38.0553                                  | 50.1758                              |                                              |                                       |                     |
| 27/07/2014           | 97.1498           | 0.1187                           | 0.9789               | 1.0976                   | 1.4050           |                                |                                 | 38.0535                                  | 50.3189                              |                                              |                                       |                     |
| 28/07/2014           | 97.9103           | 0.1235                           | 0.5856               | 0.7091                   | 1.0280           |                                |                                 | 38.1016                                  | 50.5271                              |                                              |                                       |                     |
| 29/07/2014           | 96.8194           | 0.1130                           | 1.1591               | 1.2721                   | 1.5550           |                                |                                 | 38.0317                                  | 50.2275                              |                                              |                                       |                     |
| 30/07/2014           | 96.9083           | 0.1143                           | 1.1582               | 1.2725                   | 1.4430           |                                |                                 | 38.0195                                  | 50.2191                              |                                              |                                       |                     |
| 31/07/2014           | 96.7978           | 0.1128                           | 1.2274               | 1.3403                   | 1.5110           |                                |                                 | 37.9935                                  | 50.1734                              |                                              |                                       |                     |

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

|                   |         |        |        |        |        |  |  |         |         |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| <b>Mínimo</b>     | 96.1419 | 0.1083 | 0.5856 | 0.7091 | 1.0280 |  |  | 37.9165 | 49.9476 |  |
| <b>Promedio</b>   | 96.8195 | 0.1154 | 1.1608 | 1.2762 | 1.5330 |  |  | 38.0350 | 50.2302 |  |
| <b>Máximo</b>     | 97.9103 | 0.1235 | 1.6275 | 1.7359 | 1.8260 |  |  | 38.1491 | 50.5271 |  |
| <b>Desv. Est.</b> | 0.3933  | 0.0035 | 0.2246 | 0.2214 | 0.1803 |  |  | 0.0537  | 0.1301  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Venta de Carpio 36              |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 91.0646           | 0.3088                           | 2.5601               | 2.8690                   | 5.3100           |                                |                                 | 38.7038                                  | 49.8452                              |                                              |                                       |                     |
| 02/07/2014           | 91.1556           | 0.2936                           | 2.6807               | 2.9743                   | 5.1900           |                                |                                 | 38.5812                                  | 49.7315                              |                                              |                                       |                     |
| 03/07/2014           | 91.1570           | 0.2918                           | 2.7184               | 3.0102                   | 5.1370           |                                |                                 | 38.5635                                  | 49.7057                              |                                              |                                       |                     |
| 04/07/2014           | 91.1485           | 0.3010                           | 2.7615               | 3.0625                   | 5.1050           |                                |                                 | 38.5271                                  | 49.6596                              |                                              |                                       |                     |
| 05/07/2014           | 91.7045           | 0.3417                           | 2.1925               | 2.5342                   | 4.9640           |                                |                                 | 38.7637                                  | 50.0195                              |                                              |                                       |                     |
| 06/07/2014           | 91.6078           | 0.2891                           | 2.5363               | 2.8255                   | 4.8550           |                                |                                 | 38.5643                                  | 49.7880                              |                                              |                                       |                     |
| 07/07/2014           | 90.7461           | 0.2610                           | 3.1899               | 3.4509                   | 5.2580           |                                |                                 | 37.8562                                  | 49.0571                              |                                              |                                       |                     |
| 08/07/2014           | 91.0755           | 0.3062                           | 2.9425               | 3.2487                   | 5.1680           |                                |                                 | 38.3575                                  | 49.4785                              |                                              |                                       |                     |
| 09/07/2014           | 90.6782           | 0.3021                           | 3.1665               | 3.4686                   | 5.2570           |                                |                                 | 38.3622                                  | 49.3865                              |                                              |                                       |                     |
| 10/07/2014           | 90.8696           | 0.3025                           | 2.9573               | 3.2598                   | 5.2240           |                                |                                 | 38.4636                                  | 49.5363                              |                                              |                                       |                     |
| 11/07/2014           | 90.2804           | 0.2588                           | 3.3645               | 3.6233                   | 5.4640           |                                |                                 | 38.3851                                  | 49.3425                              |                                              |                                       |                     |
| 12/07/2014           | 90.0225           | 0.2584                           | 3.1568               | 3.4152                   | 5.8350           |                                |                                 | 38.6229                                  | 49.5719                              |                                              |                                       |                     |
| 13/07/2014           | 89.5889           | 0.2392                           | 3.6585               | 3.8977                   | 5.8540           |                                |                                 | 38.4022                                  | 49.2393                              |                                              |                                       |                     |
| 14/07/2014           | 90.0848           | 0.2990                           | 3.3603               | 3.6593                   | 5.6000           |                                |                                 | 38.4206                                  | 49.3390                              |                                              |                                       |                     |
| 15/07/2014           | 90.7617           | 0.2893                           | 2.7918               | 3.0811                   | 5.5100           |                                |                                 | 38.6077                                  | 49.7023                              |                                              |                                       |                     |
| 16/07/2014           | 90.0564           | 0.2249                           | 3.2479               | 3.4728                   | 5.8450           |                                |                                 | 38.5393                                  | 49.5062                              |                                              |                                       |                     |
| 17/07/2014           | 90.9322           | 0.3621                           | 2.3701               | 2.7323                   | 5.7050           |                                |                                 | 38.7910                                  | 49.9452                              |                                              |                                       |                     |
| 18/07/2014           | 90.4085           | 0.3119                           | 2.9774               | 3.2893                   | 5.7170           |                                |                                 | 38.5526                                  | 49.5745                              |                                              |                                       |                     |
| 19/07/2014           | 90.5145           | 0.2537                           | 3.6725               | 3.9261                   | 5.0250           |                                |                                 | 38.0838                                  | 49.0365                              |                                              |                                       |                     |
| 20/07/2014           | 90.5634           | 0.2738                           | 3.2490               | 3.5228                   | 5.3040           |                                |                                 | 38.3600                                  | 49.3681                              |                                              |                                       |                     |
| 21/07/2014           | 89.9731           | 0.2714                           | 3.8545               | 4.1260                   | 5.3000           |                                |                                 | 38.1223                                  | 48.9690                              |                                              |                                       |                     |
| 22/07/2014           | 90.1734           | 0.2668                           | 3.8462               | 4.1130                   | 5.2190           |                                |                                 | 38.0420                                  | 48.9276                              |                                              |                                       |                     |
| 23/07/2014           | 90.2374           | 0.2773                           | 3.7269               | 4.0042                   | 5.2750           |                                |                                 | 38.0940                                  | 49.0027                              |                                              |                                       |                     |
| 24/07/2014           | 90.3381           | 0.3023                           | 3.2773               | 3.5795                   | 5.4980           |                                |                                 | 38.3838                                  | 49.3510                              |                                              |                                       |                     |
| 25/07/2014           | 90.1681           | 0.2661                           | 3.5815               | 3.8476                   | 5.4180           |                                |                                 | 38.2563                                  | 49.1684                              |                                              |                                       |                     |
| 26/07/2014           | 90.5978           | 0.2797                           | 3.2414               | 3.5211                   | 5.3660           |                                |                                 | 38.3275                                  | 49.3486                              |                                              |                                       |                     |
| 27/07/2014           | 90.6322           | 0.2863                           | 3.1019               | 3.3882                   | 5.3910           |                                |                                 | 38.4266                                  | 49.4626                              |                                              |                                       |                     |
| 28/07/2014           | 90.6680           | 0.2813                           | 3.1600               | 3.4412                   | 5.3770           |                                |                                 | 38.3555                                  | 49.4006                              |                                              |                                       |                     |
| 29/07/2014           | 90.6603           | 0.2505                           | 3.1820               | 3.4325                   | 5.3210           |                                |                                 | 38.3981                                  | 49.4432                              |                                              |                                       |                     |
| 30/07/2014           | 90.1444           | 0.2402                           | 3.6501               | 3.8903                   | 5.3290           |                                |                                 | 38.2548                                  | 49.1546                              |                                              |                                       |                     |
| 31/07/2014           | 90.4035           | 0.2691                           | 3.3799               | 3.6490                   | 5.3700           |                                |                                 | 38.3143                                  | 49.2876                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 89.5889 | 0.2249 | 2.1925 | 2.5342 | 4.8550 |  |  | 37.8562 | 48.9276 |  |
| Promedio   | 90.5941 | 0.2826 | 3.1470 | 3.4295 | 5.3610 |  |  | 38.4027 | 49.4306 |  |
| Máximo     | 91.7045 | 0.3621 | 3.8545 | 4.1260 | 5.8540 |  |  | 38.7910 | 50.0195 |  |
| Desv. Est. | 0.4870  | 0.0291 | 0.4289 | 0.4085 | 0.2483 |  |  | 0.2142  | 0.2856  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Venta de Carpio 30              |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 96.9348           | 0.1279                           | 1.0510               | 1.1789                   | 1.5380           |                                |                    | 38.0487                     | 50.2763                 |                                 |                          |                     |
| 02/07/2014           | 97.1880           | 0.1273                           | 0.9365               | 1.0638                   | 1.4150           |                                |                    | 38.0480                     | 50.3297                 |                                 |                          |                     |
| 03/07/2014           | 97.2662           | 0.1263                           | 0.9151               | 1.0413                   | 1.3610           |                                |                    | 38.0391                     | 50.3353                 |                                 |                          |                     |
| 04/07/2014           | 97.1345           | 0.1261                           | 0.9833               | 1.1094                   | 1.4180           |                                |                    | 38.0335                     | 50.3004                 |                                 |                          |                     |
| 05/07/2014           | 97.2805           | 0.1249                           | 0.9101               | 1.0350                   | 1.3450           |                                |                    | 38.0432                     | 50.3413                 |                                 |                          |                     |
| 06/07/2014           | 97.0923           | 0.1239                           | 1.0040               | 1.1279                   | 1.4440           |                                |                    | 38.0325                     | 50.2921                 |                                 |                          |                     |
| 07/07/2014           | 97.1712           | 0.1243                           | 0.9331               | 1.0574                   | 1.4410           |                                |                    | 38.0554                     | 50.3377                 |                                 |                          |                     |
| 08/07/2014           | 97.2592           | 0.1252                           | 0.8883               | 1.0134                   | 1.3980           |                                |                    | 38.0597                     | 50.3605                 |                                 |                          |                     |
| 09/07/2014           | 96.6648           | 0.1270                           | 1.1944               | 1.3214                   | 1.6570           |                                |                    | 38.0313                     | 50.2010                 |                                 |                          |                     |
| 10/07/2014           | 97.2686           | 0.1260                           | 0.8709               | 0.9969                   | 1.3780           |                                |                    | 38.0774                     | 50.3781                 |                                 |                          |                     |
| 11/07/2014           | 96.9706           | 0.1245                           | 0.9740               | 1.0984                   | 1.5660           |                                |                    | 38.0971                     | 50.3422                 |                                 |                          |                     |
| 12/07/2014           | 97.0895           | 0.1234                           | 0.8744               | 0.9978                   | 1.5380           |                                |                    | 38.1329                     | 50.4097                 |                                 |                          |                     |
| 13/07/2014           | 96.9904           | 0.1194                           | 0.9650               | 1.0844                   | 1.5570           |                                |                    | 38.1005                     | 50.3519                 |                                 |                          |                     |
| 14/07/2014           | 97.0827           | 0.1237                           | 0.9761               | 1.0998                   | 1.4510           |                                |                    | 38.0648                     | 50.3233                 |                                 |                          |                     |
| 15/07/2014           | 96.8718           | 0.1221                           | 0.9658               | 1.0880                   | 1.6600           |                                |                    | 38.1361                     | 50.3698                 |                                 |                          |                     |
| 16/07/2014           | 96.8123           | 0.1204                           | 1.0021               | 1.1225                   | 1.6850           |                                |                    | 38.1315                     | 50.3516                 |                                 |                          |                     |
| 17/07/2014           | 96.7254           | 0.1205                           | 0.9875               | 1.1080                   | 1.7910           |                                |                    | 38.1641                     | 50.3768                 |                                 |                          |                     |
| 18/07/2014           | 96.5218           | 0.1189                           | 1.1880               | 1.3069                   | 1.8100           |                                |                    | 38.0857                     | 50.2401                 |                                 |                          |                     |
| 19/07/2014           | 96.3223           | 0.1155                           | 1.3901               | 1.5056                   | 1.7840           |                                |                    | 38.0182                     | 50.1107                 |                                 |                          |                     |
| 20/07/2014           | 96.2254           | 0.1179                           | 1.4403               | 1.5582                   | 1.8370           |                                |                    | 38.0065                     | 50.0793                 |                                 |                          |                     |
| 21/07/2014           | 96.2936           | 0.1148                           | 1.4796               | 1.5944                   | 1.7440           |                                |                    | 37.9583                     | 50.0353                 |                                 |                          |                     |
| 22/07/2014           | 96.3788           | 0.1143                           | 1.4321               | 1.5464                   | 1.7360           |                                |                    | 37.9581                     | 50.0576                 |                                 |                          |                     |
| 23/07/2014           | 96.6410           | 0.1206                           | 1.2680               | 1.3885                   | 1.6350           |                                |                    | 37.9903                     | 50.1474                 |                                 |                          |                     |
| 24/07/2014           | 96.4726           | 0.1199                           | 1.2471               | 1.3670                   | 1.7910           |                                |                    | 38.0670                     | 50.2016                 |                                 |                          |                     |
| 25/07/2014           | 96.5481           | 0.1195                           | 1.2373               | 1.3568                   | 1.7300           |                                |                    | 38.0535                     | 50.1985                 |                                 |                          |                     |
| 26/07/2014           | 96.6503           | 0.1213                           | 1.1561               | 1.2774                   | 1.7150           |                                |                    | 38.0704                     | 50.2445                 |                                 |                          |                     |
| 27/07/2014           | 96.8825           | 0.1223                           | 1.0338               | 1.1561                   | 1.6060           |                                |                    | 38.0818                     | 50.3072                 |                                 |                          |                     |
| 28/07/2014           | 97.7317           | 0.1352                           | 0.6258               | 0.7610                   | 1.1720           |                                |                    | 38.0985                     | 50.4984                 |                                 |                          |                     |
| 29/07/2014           | 97.0119           | 0.1210                           | 0.9983               | 1.1194                   | 1.5340           |                                |                    | 38.0644                     | 50.3161                 |                                 |                          |                     |
| 30/07/2014           | 97.1120           | 0.1205                           | 0.9801               | 1.1006                   | 1.4320           |                                |                    | 38.0567                     | 50.3191                 |                                 |                          |                     |
| 31/07/2014           | 96.7603           | 0.1205                           | 1.1851               | 1.3056                   | 1.5930           |                                |                    | 38.0170                     | 50.2012                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 96.2254 | 0.1143 | 0.6258 | 0.7610 | 1.1720 |  |  | 37.9581 | 50.0353 |  |
| Promedio   | 96.8824 | 0.1224 | 1.0675 | 1.1899 | 1.5730 |  |  | 38.0588 | 50.2785 |  |
| Máximo     | 97.7317 | 0.1352 | 1.4796 | 1.5944 | 1.8370 |  |  | 38.1641 | 50.4984 |  |
| Desv. Est. | 0.3529  | 0.0043 | 0.1966 | 0.1932 | 0.1680 |  |  | 0.0478  | 0.1087  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                    |                                 |
|--------------------|---------------------------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |
| PUNTO DE MEDICIÓN: | Venta de Carpio 24              |
| ZONA DE MEDICIÓN:  | SUR                             |

**PROMEDIO/DIA**

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 91.5125           | 0.0000                           | 0.6304               | 0.6305                   | 7.7860           |                                |                                 | 39.8015                                  | 51.5519                              |                                              |                                       |                     |
| 02/07/2014           | 91.3998           | 0.0001                           | 0.6338               | 0.6338                   | 7.9180           |                                |                                 | 39.8254                                  | 51.5638                              |                                              |                                       |                     |
| 03/07/2014           | 91.4813           | 0.0001                           | 0.6281               | 0.6282                   | 7.8500           |                                |                                 | 39.8028                                  | 51.5537                              |                                              |                                       |                     |
| 04/07/2014           | 91.4312           | 0.0012                           | 0.6348               | 0.6360                   | 7.8560           |                                |                                 | 39.8230                                  | 51.5612                              |                                              |                                       |                     |
| 05/07/2014           | 91.4534           | 0.0001                           | 0.6297               | 0.6298                   | 7.8760           |                                |                                 | 39.8100                                  | 51.5569                              |                                              |                                       |                     |
| 06/07/2014           | 91.4678           | 0.0009                           | 0.6375               | 0.6385                   | 7.8530           |                                |                                 | 39.8045                                  | 51.5498                              |                                              |                                       |                     |
| 07/07/2014           | 91.3752           | 0.0013                           | 0.6390               | 0.6403                   | 7.9350           |                                |                                 | 39.8359                                  | 51.5663                              |                                              |                                       |                     |
| 08/07/2014           | 91.4325           | 0.0006                           | 0.6368               | 0.6374                   | 7.8600           |                                |                                 | 39.8214                                  | 51.5594                              |                                              |                                       |                     |
| 09/07/2014           | 91.4292           | 0.0005                           | 0.6341               | 0.6345                   | 7.8900           |                                |                                 | 39.8180                                  | 51.5591                              |                                              |                                       |                     |
| 10/07/2014           | 91.4220           | 0.0002                           | 0.6335               | 0.6337                   | 7.8750           |                                |                                 | 39.8245                                  | 51.5631                              |                                              |                                       |                     |
| 11/07/2014           | 91.4071           | 0.0002                           | 0.6415               | 0.6417                   | 7.8250           |                                |                                 | 39.8400                                  | 51.5679                              |                                              |                                       |                     |
| 12/07/2014           | 91.5108           | 0.0000                           | 0.6219               | 0.6219                   | 7.8290           |                                |                                 | 39.7986                                  | 51.5544                              |                                              |                                       |                     |
| 13/07/2014           | 91.5175           | 0.0001                           | 0.6176               | 0.6177                   | 7.8290           |                                |                                 | 39.7990                                  | 51.5566                              |                                              |                                       |                     |
| 14/07/2014           | 91.4675           | 0.0000                           | 0.6177               | 0.6177                   | 7.8900           |                                |                                 | 39.8096                                  | 51.5625                              |                                              |                                       |                     |
| 15/07/2014           | 91.7251           | 0.0002                           | 0.6260               | 0.6262                   | 7.5980           |                                |                                 | 39.7397                                  | 51.5195                              |                                              |                                       |                     |
| 16/07/2014           | 91.5397           | 0.0002                           | 0.6289               | 0.6291                   | 7.7790           |                                |                                 | 39.7896                                  | 51.5459                              |                                              |                                       |                     |
| 17/07/2014           | 91.4991           | 0.0000                           | 0.6420               | 0.6420                   | 7.8110           |                                |                                 | 39.7917                                  | 51.5414                              |                                              |                                       |                     |
| 18/07/2014           | 91.4508           | 0.0002                           | 0.6329               | 0.6331                   | 7.8520           |                                |                                 | 39.8178                                  | 51.5599                              |                                              |                                       |                     |
| 19/07/2014           | 91.4124           | 0.0001                           | 0.6290               | 0.6292                   | 7.8860           |                                |                                 | 39.8324                                  | 51.5697                              |                                              |                                       |                     |
| 20/07/2014           | 91.4380           | 0.0000                           | 0.6377               | 0.6377                   | 7.8770           |                                |                                 | 39.8113                                  | 51.5541                              |                                              |                                       |                     |
| 21/07/2014           | 91.4272           | 0.0000                           | 0.6357               | 0.6358                   | 7.8960           |                                |                                 | 39.8141                                  | 51.5567                              |                                              |                                       |                     |
| 22/07/2014           | 91.4161           | 0.0000                           | 0.6373               | 0.6373                   | 7.9180           |                                |                                 | 39.8125                                  | 51.5550                              |                                              |                                       |                     |
| 23/07/2014           | 91.4276           | 0.0000                           | 0.6433               | 0.6433                   | 7.9020           |                                |                                 | 39.8048                                  | 51.5480                              |                                              |                                       |                     |
| 24/07/2014           | 91.5186           | 0.0003                           | 0.6255               | 0.6258                   | 7.8190           |                                |                                 | 39.7952                                  | 51.5506                              |                                              |                                       |                     |
| 25/07/2014           | 91.5271           | 0.0000                           | 0.6280               | 0.6280                   | 7.8210           |                                |                                 | 39.7858                                  | 51.5445                              |                                              |                                       |                     |
| 26/07/2014           | 91.5093           | 0.0000                           | 0.6297               | 0.6297                   | 7.8350           |                                |                                 | 39.7905                                  | 51.5464                              |                                              |                                       |                     |
| 27/07/2014           | 91.4991           | 0.0000                           | 0.6288               | 0.6288                   | 7.8160           |                                |                                 | 39.8029                                  | 51.5534                              |                                              |                                       |                     |
| 28/07/2014           | 91.4811           | 0.0003                           | 0.6384               | 0.6387                   | 7.8420           |                                |                                 | 39.7973                                  | 51.5460                              |                                              |                                       |                     |
| 29/07/2014           | 91.6589           | 0.0005                           | 0.6366               | 0.6371                   | 7.6650           |                                |                                 | 39.7463                                  | 51.5180                              |                                              |                                       |                     |
| 30/07/2014           | 91.5740           | 0.0001                           | 0.6336               | 0.6337                   | 7.7550           |                                |                                 | 39.7726                                  | 51.5344                              |                                              |                                       |                     |
| 31/07/2014           | 91.6090           | 0.0000                           | 0.6228               | 0.6228                   | 7.7310           |                                |                                 | 39.7694                                  | 51.5376                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 91.3752 | 0.0000 | 0.6176 | 0.6177 | 7.5980 |  |  | 39.7397 | 51.5180 |  |
| Promedio   | 91.4845 | 0.0002 | 0.6320 | 0.6323 | 7.8347 |  |  | 39.8028 | 51.5519 |  |
| Máximo     | 91.7251 | 0.0013 | 0.6433 | 0.6433 | 7.9350 |  |  | 39.8400 | 51.5697 |  |
| Desv. Est. | 0.0775  | 0.0003 | 0.0067 | 0.0068 | 0.0723 |  |  | 0.0231  | 0.0123  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Venta de Carpio 14              |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 93.4783           | 0.2470                           | 1.9031               | 2.1501                   | 3.7840           |                                |                    | 38.4463                     | 50.0323                 |                                 |                          |                     |
| 02/07/2014           | 93.7480           | 0.2351                           | 1.8925               | 2.1277                   | 3.5940           |                                |                    | 38.3655                     | 49.9989                 |                                 |                          |                     |
| 03/07/2014           | 93.8372           | 0.2305                           | 1.8952               | 2.1257                   | 3.5020           |                                |                    | 38.3439                     | 49.9883                 |                                 |                          |                     |
| 04/07/2014           | 93.6385           | 0.2421                           | 1.9824               | 2.2245                   | 3.6000           |                                |                    | 38.3345                     | 49.9360                 |                                 |                          |                     |
| 05/07/2014           | 94.8207           | 0.2255                           | 1.4769               | 1.7023                   | 2.9450           |                                |                    | 38.3499                     | 50.1847                 |                                 |                          |                     |
| 06/07/2014           | 94.7568           | 0.2002                           | 1.6394               | 1.8395                   | 2.9040           |                                |                    | 38.2701                     | 50.0824                 |                                 |                          |                     |
| 07/07/2014           | 93.2597           | 0.2158                           | 2.2649               | 2.4807                   | 3.7900           |                                |                    | 38.2550                     | 49.7820                 |                                 |                          |                     |
| 08/07/2014           | 93.3110           | 0.2338                           | 2.1606               | 2.3944                   | 3.8330           |                                |                    | 38.2923                     | 49.8375                 |                                 |                          |                     |
| 09/07/2014           | 92.8094           | 0.2505                           | 2.4308               | 2.6813                   | 4.0060           |                                |                    | 38.2590                     | 49.6878                 |                                 |                          |                     |
| 10/07/2014           | 93.2059           | 0.2492                           | 2.1579               | 2.4071                   | 3.8500           |                                |                    | 38.3362                     | 49.8536                 |                                 |                          |                     |
| 11/07/2014           | 93.5324           | 0.2022                           | 2.1661               | 2.3683                   | 3.5990           |                                |                    | 38.2597                     | 49.8378                 |                                 |                          |                     |
| 12/07/2014           | 94.3604           | 0.1795                           | 1.7353               | 1.9148                   | 3.2200           |                                |                    | 38.3278                     | 50.0869                 |                                 |                          |                     |
| 13/07/2014           | 94.7696           | 0.1598                           | 1.7455               | 1.9053                   | 2.8730           |                                |                    | 38.2004                     | 50.0220                 |                                 |                          |                     |
| 14/07/2014           | 92.7140           | 0.2452                           | 2.4261               | 2.6713                   | 4.0730           |                                |                    | 38.2997                     | 49.7165                 |                                 |                          |                     |
| 15/07/2014           | 92.9535           | 0.2414                           | 2.0966               | 2.3380                   | 4.1590           |                                |                    | 38.4550                     | 49.9558                 |                                 |                          |                     |
| 16/07/2014           | 92.4836           | 0.1997                           | 2.4008               | 2.6005                   | 4.3870           |                                |                    | 38.4071                     | 49.8207                 |                                 |                          |                     |
| 17/07/2014           | 93.3342           | 0.2674                           | 1.7901               | 2.0575                   | 4.0910           |                                |                    | 38.5262                     | 50.1167                 |                                 |                          |                     |
| 18/07/2014           | 93.1179           | 0.2380                           | 2.1339               | 2.3719                   | 4.0270           |                                |                    | 38.3689                     | 49.8910                 |                                 |                          |                     |
| 19/07/2014           | 93.6293           | 0.1862                           | 2.4346               | 2.6208                   | 3.2990           |                                |                    | 38.0489                     | 49.6074                 |                                 |                          |                     |
| 20/07/2014           | 95.0840           | 0.1527                           | 1.7839               | 1.9365                   | 2.5530           |                                |                    | 38.0853                     | 49.9432                 |                                 |                          |                     |
| 21/07/2014           | 92.2696           | 0.2257                           | 2.9438               | 3.1694                   | 4.0500           |                                |                    | 38.0822                     | 49.3737                 |                                 |                          |                     |
| 22/07/2014           | 92.2425           | 0.2283                           | 2.9933               | 3.2215                   | 4.0940           |                                |                    | 38.0345                     | 49.3223                 |                                 |                          |                     |
| 23/07/2014           | 92.5706           | 0.2304                           | 2.7895               | 3.0198                   | 3.9830           |                                |                    | 38.0734                     | 49.4336                 |                                 |                          |                     |
| 24/07/2014           | 93.2552           | 0.2239                           | 2.2828               | 2.5068                   | 3.7590           |                                |                    | 38.2425                     | 49.7606                 |                                 |                          |                     |
| 25/07/2014           | 93.4890           | 0.1971                           | 2.3207               | 2.5178                   | 3.5300           |                                |                    | 38.1688                     | 49.7193                 |                                 |                          |                     |
| 26/07/2014           | 95.0118           | 0.1671                           | 1.7099               | 1.8770                   | 2.7140           |                                |                    | 38.1392                     | 49.9983                 |                                 |                          |                     |
| 27/07/2014           | 96.5618           | 0.1300                           | 1.1398               | 1.2698                   | 1.8020           |                                |                    | 38.0948                     | 50.2601                 |                                 |                          |                     |
| 28/07/2014           | 94.5157           | 0.1932                           | 1.7587               | 1.9518                   | 3.1050           |                                |                    | 38.2369                     | 50.0148                 |                                 |                          |                     |
| 29/07/2014           | 94.3653           | 0.1851                           | 1.8620               | 2.0471                   | 3.1560           |                                |                    | 38.2165                     | 49.9620                 |                                 |                          |                     |
| 30/07/2014           | 93.2743           | 0.1925                           | 2.4224               | 2.6149                   | 3.5960           |                                |                    | 38.1815                     | 49.6842                 |                                 |                          |                     |
| 31/07/2014           | 93.3203           | 0.2080                           | 2.3468               | 2.5547                   | 3.6580           |                                |                    | 38.1868                     | 49.7107                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 92.2425 | 0.1300 | 1.1398 | 1.2698 | 1.8020 |  |  | 38.0345 | 49.3223 |  |
| Promedio   | 93.6684 | 0.2123 | 2.0996 | 2.3119 | 3.5334 |  |  | 38.2545 | 49.8587 |  |
| Máximo     | 96.5618 | 0.2674 | 2.9933 | 3.2215 | 4.3870 |  |  | 38.5262 | 50.2601 |  |
| Desv. Est. | 0.9633  | 0.0326 | 0.4135 | 0.4279 | 0.5675 |  |  | 0.1267  | 0.2246  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Cempoala Sur                    |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 90.7236           | 0.1376                           | 3.3077               | 3.4453                   | 5.3950           |                                |                                 | 38.3224                                  | 49.4380                              |                                              |                                       |                     |
| 02/07/2014           | 90.6967           | 0.1489                           | 3.3273               | 3.4762                   | 5.3670           |                                |                                 | 38.3088                                  | 49.4073                              |                                              |                                       |                     |
| 03/07/2014           | 90.7519           | 0.1231                           | 3.4011               | 3.5242                   | 5.2660           |                                |                                 | 38.2870                                  | 49.4008                              |                                              |                                       |                     |
| 04/07/2014           | 91.4987           | 0.1558                           | 2.9086               | 3.0644                   | 4.9380           |                                |                                 | 38.3843                                  | 49.6269                              |                                              |                                       |                     |
| 05/07/2014           | 90.6366           | 0.1426                           | 3.2914               | 3.4340                   | 5.4800           |                                |                                 | 38.3836                                  | 49.4997                              |                                              |                                       |                     |
| 06/07/2014           | 90.7543           | 0.1414                           | 3.2077               | 3.3491                   | 5.5330           |                                |                                 | 38.3414                                  | 49.4815                              |                                              |                                       |                     |
| 07/07/2014           | 90.2289           | 0.1570                           | 3.5933               | 3.7503                   | 5.5850           |                                |                                 | 38.2988                                  | 49.3319                              |                                              |                                       |                     |
| 08/07/2014           | 90.1410           | 0.1336                           | 3.6288               | 3.7624                   | 5.5760           |                                |                                 | 38.2898                                  | 49.2717                              |                                              |                                       |                     |
| 09/07/2014           | 90.5265           | 0.1584                           | 3.1123               | 3.2706                   | 5.6460           |                                |                                 | 38.5337                                  | 49.6372                              |                                              |                                       |                     |
| 10/07/2014           | 88.8343           | 0.0881                           | 4.0968               | 4.1849                   | 6.3470           |                                |                                 | 38.4022                                  | 49.1558                              |                                              |                                       |                     |
| 11/07/2014           | 88.2001           | 0.0563                           | 5.2397               | 5.2960                   | 6.0600           |                                |                                 | 37.7817                                  | 48.3195                              |                                              |                                       |                     |
| 12/07/2014           | 88.9995           | 0.1211                           | 4.1992               | 4.3203                   | 6.1360           |                                |                                 | 38.2849                                  | 49.0834                              |                                              |                                       |                     |
| 13/07/2014           | 89.8424           | 0.1758                           | 3.2580               | 3.4338                   | 6.0840           |                                |                                 | 38.6546                                  | 49.6571                              |                                              |                                       |                     |
| 14/07/2014           | 90.7089           | 0.1811                           | 2.7070               | 2.8881                   | 5.8250           |                                |                                 | 38.7564                                  | 49.9566                              |                                              |                                       |                     |
| 15/07/2014           | 89.8165           | 0.1740                           | 2.9608               | 3.1347                   | 6.4580           |                                |                                 | 38.8182                                  | 49.8548                              |                                              |                                       |                     |
| 16/07/2014           | 90.3788           | 0.1732                           | 2.8300               | 3.0033                   | 6.1050           |                                |                                 | 38.7210                                  | 49.8504                              |                                              |                                       |                     |
| 17/07/2014           | 89.7314           | 0.1309                           | 3.7354               | 3.8663                   | 5.9280           |                                |                                 | 38.3413                                  | 49.2744                              |                                              |                                       |                     |
| 18/07/2014           | 90.3815           | 0.1556                           | 3.4914               | 3.6470                   | 5.4220           |                                |                                 | 38.3170                                  | 49.3429                              |                                              |                                       |                     |
| 19/07/2014           | 90.2849           | 0.1901                           | 3.4528               | 3.6428                   | 5.5220           |                                |                                 | 38.3454                                  | 49.3583                              |                                              |                                       |                     |
| 20/07/2014           | 90.0425           | 0.1953                           | 3.7470               | 3.9423                   | 5.4780           |                                |                                 | 38.2291                                  | 49.1741                              |                                              |                                       |                     |
| 21/07/2014           | 90.1479           | 0.1574                           | 3.8198               | 3.9771                   | 5.4910           |                                |                                 | 38.2023                                  | 49.2110                              |                                              |                                       |                     |
| 22/07/2014           | 89.6190           | 0.1024                           | 4.1505               | 4.2529                   | 5.7580           |                                |                                 | 38.1139                                  | 49.0239                              |                                              |                                       |                     |
| 23/07/2014           | 89.7358           | 0.1310                           | 3.6610               | 3.7921                   | 5.9240           |                                |                                 | 38.4386                                  | 49.3880                              |                                              |                                       |                     |
| 24/07/2014           | 90.2281           | 0.1620                           | 3.4679               | 3.6299                   | 5.7030           |                                |                                 | 38.3222                                  | 49.3313                              |                                              |                                       |                     |
| 25/07/2014           | 90.2914           | 0.1453                           | 3.3036               | 3.4489                   | 5.7340           |                                |                                 | 38.4850                                  | 49.5432                              |                                              |                                       |                     |
| 26/07/2014           | 90.3375           | 0.1347                           | 3.3268               | 3.4614                   | 5.7800           |                                |                                 | 38.4478                                  | 49.5339                              |                                              |                                       |                     |
| 27/07/2014           | 90.4921           | 0.1229                           | 3.3858               | 3.5087                   | 5.6150           |                                |                                 | 38.3289                                  | 49.4194                              |                                              |                                       |                     |
| 28/07/2014           | 90.1656           | 0.1430                           | 3.4941               | 3.6371                   | 5.6660           |                                |                                 | 38.3866                                  | 49.3886                              |                                              |                                       |                     |
| 29/07/2014           | 90.0703           | 0.1497                           | 3.6288               | 3.7785                   | 5.6350           |                                |                                 | 38.3080                                  | 49.2708                              |                                              |                                       |                     |
| 30/07/2014           | 90.2145           | 0.1305                           | 3.6900               | 3.8205                   | 5.5730           |                                |                                 | 38.2126                                  | 49.2206                              |                                              |                                       |                     |
| 31/07/2014           | 90.0485           | 0.1341                           | 3.5856               | 3.7197                   | 5.8120           |                                |                                 | 38.3753                                  | 49.3975                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 88.2001 | 0.0563 | 2.7070 | 2.8881 | 4.9380 |  |  | 37.7817 | 48.3195 |  |
| Promedio   | 90.1461 | 0.1436 | 3.5164 | 3.6601 | 5.7046 |  |  | 38.3685 | 49.3823 |  |
| Máximo     | 91.4987 | 0.1953 | 5.2397 | 5.2960 | 6.4580 |  |  | 38.8182 | 49.9566 |  |
| Desv. Est. | 0.6297  | 0.0288 | 0.4773 | 0.4567 | 0.3202 |  |  | 0.1946  | 0.2939  |  |

Observaciones:



# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Cempoala Centro                 |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 91.3793           | 0.2614                           | 2.4263               | 2.6877                   | 5.3220           |                                |                                 | 38.6400                                  | 49.8750                              |                                              |                                       |                     |
| 02/07/2014           | 91.3894           | 0.2753                           | 2.3968               | 2.6720                   | 5.3120           |                                |                                 | 38.6688                                  | 49.9070                              |                                              |                                       |                     |
| 03/07/2014           | 91.5708           | 0.2858                           | 2.2513               | 2.5371                   | 5.2120           |                                |                                 | 38.7163                                  | 49.9844                              |                                              |                                       |                     |
| 04/07/2014           | 91.9965           | 0.2920                           | 2.0199               | 2.3119                   | 4.9970           |                                |                                 | 38.7328                                  | 50.0915                              |                                              |                                       |                     |
| 05/07/2014           | 91.0509           | 0.2105                           | 2.8001               | 3.0105                   | 5.4040           |                                |                                 | 38.5188                                  | 49.6946                              |                                              |                                       |                     |
| 06/07/2014           | 91.4056           | 0.2720                           | 2.4435               | 2.7155                   | 5.4170           |                                |                                 | 38.5810                                  | 49.8373                              |                                              |                                       |                     |
| 07/07/2014           | 90.7789           | 0.2460                           | 2.9678               | 3.2138                   | 5.5140           |                                |                                 | 38.4412                                  | 49.5482                              |                                              |                                       |                     |
| 08/07/2014           | 91.1210           | 0.2891                           | 2.5816               | 2.8708                   | 5.4150           |                                |                                 | 38.5957                                  | 49.7647                              |                                              |                                       |                     |
| 09/07/2014           | 91.6348           | 0.2591                           | 2.3400               | 2.5991                   | 5.1360           |                                |                                 | 38.6303                                  | 49.9193                              |                                              |                                       |                     |
| 10/07/2014           | 91.4654           | 0.2753                           | 2.3669               | 2.6422                   | 5.2220           |                                |                                 | 38.6808                                  | 49.9249                              |                                              |                                       |                     |
| 11/07/2014           | 91.3793           | 0.2614                           | 2.4263               | 2.6877                   | 5.3220           |                                |                                 | 38.6471                                  | 49.8842                              |                                              |                                       |                     |
| 12/07/2014           | 90.6981           | 0.2130                           | 2.8995               | 3.1126                   | 5.6370           |                                |                                 | 38.5588                                  | 49.6738                              |                                              |                                       |                     |
| 13/07/2014           | 90.5735           | 0.2813                           | 2.6055               | 2.8868                   | 5.8790           |                                |                                 | 38.7697                                  | 49.8723                              |                                              |                                       |                     |
| 14/07/2014           | 90.9252           | 0.2418                           | 2.4101               | 2.6519                   | 5.8240           |                                |                                 | 38.7976                                  | 49.9891                              |                                              |                                       |                     |
| 15/07/2014           | 90.3587           | 0.2369                           | 2.5898               | 2.8267                   | 6.2100           |                                |                                 | 38.8485                                  | 49.9408                              |                                              |                                       |                     |
| 16/07/2014           | 91.0789           | 0.2819                           | 2.2476               | 2.5295                   | 5.8390           |                                |                                 | 38.8195                                  | 50.0372                              |                                              |                                       |                     |
| 17/07/2014           | 90.7391           | 0.2950                           | 2.5979               | 2.8930                   | 5.8220           |                                |                                 | 38.6611                                  | 49.7665                              |                                              |                                       |                     |
| 18/07/2014           | 90.9941           | 0.2887                           | 2.6635               | 2.9522                   | 5.4330           |                                |                                 | 38.6047                                  | 49.7538                              |                                              |                                       |                     |
| 19/07/2014           | 90.5028           | 0.2443                           | 3.1428               | 3.3872                   | 5.5350           |                                |                                 | 38.4230                                  | 49.4597                              |                                              |                                       |                     |
| 20/07/2014           | 90.1974           | 0.2210                           | 3.5225               | 3.7435                   | 5.5100           |                                |                                 | 38.2663                                  | 49.2182                              |                                              |                                       |                     |
| 21/07/2014           | 90.5523           | 0.2291                           | 3.3283               | 3.5573                   | 5.4590           |                                |                                 | 38.2583                                  | 49.2933                              |                                              |                                       |                     |
| 22/07/2014           | 90.6234           | 0.2548                           | 3.0579               | 3.3127                   | 5.5910           |                                |                                 | 38.4022                                  | 49.4654                              |                                              |                                       |                     |
| 23/07/2014           | 90.5651           | 0.2645                           | 2.8276               | 3.0921                   | 5.7380           |                                |                                 | 38.6229                                  | 49.6928                              |                                              |                                       |                     |
| 24/07/2014           | 90.6781           | 0.2371                           | 2.9916               | 3.2287                   | 5.6140           |                                |                                 | 38.4567                                  | 49.5489                              |                                              |                                       |                     |
| 25/07/2014           | 90.8654           | 0.2510                           | 2.6906               | 2.9416                   | 5.6350           |                                |                                 | 38.6253                                  | 49.7779                              |                                              |                                       |                     |
| 26/07/2014           | 90.9380           | 0.2369                           | 2.6537               | 2.8906                   | 5.6580           |                                |                                 | 38.6224                                  | 49.7998                              |                                              |                                       |                     |
| 27/07/2014           | 91.1263           | 0.2378                           | 2.6115               | 2.8493                   | 5.5150           |                                |                                 | 38.5855                                  | 49.7878                              |                                              |                                       |                     |
| 28/07/2014           | 90.7179           | 0.2260                           | 2.9119               | 3.1378                   | 5.5500           |                                |                                 | 38.5539                                  | 49.6527                              |                                              |                                       |                     |
| 29/07/2014           | 90.6106           | 0.2323                           | 2.9947               | 3.2270                   | 5.5760           |                                |                                 | 38.5069                                  | 49.5736                              |                                              |                                       |                     |
| 30/07/2014           | 90.7796           | 0.2315                           | 2.9678               | 3.1993                   | 5.5290           |                                |                                 | 38.4394                                  | 49.5461                              |                                              |                                       |                     |
| 31/07/2014           | 90.5051           | 0.2063                           | 3.0888               | 3.2951                   | 5.7050           |                                |                                 | 38.4549                                  | 49.5171                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 90.1974 | 0.2063 | 2.0199 | 2.3119 | 4.9970 |  |  | 38.2583 | 49.2182 |  |
| Promedio   | 90.9420 | 0.2529 | 2.7040 | 2.9569 | 5.5333 |  |  | 38.5848 | 49.7354 |  |
| Máximo     | 91.9965 | 0.2950 | 3.5225 | 3.7435 | 6.2100 |  |  | 38.8485 | 50.0915 |  |
| Desv. Est. | 0.4226  | 0.0260 | 0.3430 | 0.3258 | 0.2452 |  |  | 0.1454  | 0.2139  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Cempoala Norte                  |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 92.7793           | 0.5228                           | 0.5398               | 1.0625                   | 5.1800           |                                |                    | 39.4678                     | 51.0190                 |                                 |                          |                     |
| 02/07/2014           | 92.7554           | 0.5181                           | 0.6012               | 1.1193                   | 5.1830           |                                |                    | 39.4373                     | 50.9862                 |                                 |                          |                     |
| 03/07/2014           | 92.8422           | 0.5278                           | 0.5108               | 1.0385                   | 5.1110           |                                |                    | 39.4781                     | 51.0337                 |                                 |                          |                     |
| 04/07/2014           | 92.9302           | 0.5263                           | 0.4546               | 0.9808                   | 5.0490           |                                |                    | 39.5136                     | 51.0911                 |                                 |                          |                     |
| 05/07/2014           | 92.8532           | 0.5015                           | 0.6147               | 1.1162                   | 5.1170           |                                |                    | 39.3861                     | 50.9487                 |                                 |                          |                     |
| 06/07/2014           | 93.0706           | 0.5861                           | 0.5913               | 1.1774                   | 5.0510           |                                |                    | 39.2118                     | 50.8031                 |                                 |                          |                     |
| 07/07/2014           | 92.9485           | 0.5753                           | 0.5939               | 1.1693                   | 5.1790           |                                |                    | 39.2657                     | 50.8515                 |                                 |                          |                     |
| 08/07/2014           | 93.0542           | 0.6021                           | 0.4761               | 1.0783                   | 5.1030           |                                |                    | 39.3002                     | 50.8853                 |                                 |                          |                     |
| 09/07/2014           | 92.9841           | 0.6146                           | 0.5258               | 1.1404                   | 5.0880           |                                |                    | 39.3090                     | 50.8839                 |                                 |                          |                     |
| 10/07/2014           | 92.9101           | 0.6227                           | 0.5853               | 1.2080                   | 5.0830           |                                |                    | 39.2963                     | 50.8511                 |                                 |                          |                     |
| 11/07/2014           | 92.6173           | 0.5989                           | 0.7513               | 1.3502                   | 5.2760           |                                |                    | 39.2467                     | 50.7336                 |                                 |                          |                     |
| 12/07/2014           | 92.9258           | 0.6221                           | 0.5619               | 1.1840                   | 5.1620           |                                |                    | 39.2589                     | 50.8090                 |                                 |                          |                     |
| 13/07/2014           | 92.8444           | 0.5923                           | 0.5809               | 1.1731                   | 5.2660           |                                |                    | 39.2893                     | 50.8482                 |                                 |                          |                     |
| 14/07/2014           | 93.0653           | 0.5996                           | 0.4456               | 1.0452                   | 5.2110           |                                |                    | 39.2867                     | 50.8856                 |                                 |                          |                     |
| 15/07/2014           | 92.7830           | 0.5507                           | 0.7043               | 1.2550                   | 5.3080           |                                |                    | 39.2442                     | 50.8117                 |                                 |                          |                     |
| 16/07/2014           | 92.9677           | 0.6221                           | 0.5235               | 1.1456                   | 5.1950           |                                |                    | 39.2624                     | 50.8364                 |                                 |                          |                     |
| 17/07/2014           | 92.6305           | 0.5818                           | 1.0561               | 1.6379                   | 5.0840           |                                |                    | 39.0283                     | 50.5048                 |                                 |                          |                     |
| 18/07/2014           | 92.5261           | 0.4963                           | 1.2558               | 1.7521                   | 5.0320           |                                |                    | 38.9813                     | 50.4308                 |                                 |                          |                     |
| 19/07/2014           | 92.8196           | 0.6027                           | 0.6548               | 1.2575                   | 5.2240           |                                |                    | 39.2166                     | 50.7511                 |                                 |                          |                     |
| 20/07/2014           | 92.6323           | 0.5863                           | 0.8361               | 1.4224                   | 5.2460           |                                |                    | 39.1726                     | 50.6689                 |                                 |                          |                     |
| 21/07/2014           | 92.7595           | 0.5915                           | 0.7295               | 1.3210                   | 5.2460           |                                |                    | 39.1842                     | 50.7090                 |                                 |                          |                     |
| 22/07/2014           | 92.9299           | 0.5971                           | 0.5888               | 1.1859                   | 5.1930           |                                |                    | 39.2606                     | 50.8394                 |                                 |                          |                     |
| 23/07/2014           | 92.3401           | 0.5522                           | 1.0256               | 1.5778                   | 5.3610           |                                |                    | 39.1661                     | 50.6062                 |                                 |                          |                     |
| 24/07/2014           | 92.7679           | 0.5967                           | 0.7152               | 1.3119                   | 5.2400           |                                |                    | 39.2158                     | 50.7540                 |                                 |                          |                     |
| 25/07/2014           | 92.8239           | 0.5963                           | 0.6178               | 1.2140                   | 5.2860           |                                |                    | 39.2443                     | 50.7955                 |                                 |                          |                     |
| 26/07/2014           | 92.8018           | 0.5483                           | 0.5621               | 1.1104                   | 5.2840           |                                |                    | 39.3514                     | 50.9048                 |                                 |                          |                     |
| 27/07/2014           | 92.8590           | 0.5377                           | 0.5385               | 1.0762                   | 5.2270           |                                |                    | 39.3933                     | 50.9695                 |                                 |                          |                     |
| 28/07/2014           | 92.7049           | 0.5417                           | 0.6899               | 1.2316                   | 5.2390           |                                |                    | 39.3157                     | 50.8429                 |                                 |                          |                     |
| 29/07/2014           | 92.5977           | 0.5247                           | 0.7165               | 1.2412                   | 5.3230           |                                |                    | 39.3638                     | 50.8867                 |                                 |                          |                     |
| 30/07/2014           | 92.6571           | 0.5445                           | 0.6894               | 1.2339                   | 5.3060           |                                |                    | 39.3149                     | 50.8369                 |                                 |                          |                     |
| 31/07/2014           | 92.7115           | 0.5616                           | 0.6273               | 1.1889                   | 5.2370           |                                |                    | 39.3624                     | 50.8873                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 92.3401 | 0.4963 | 0.4456 | 0.9808 | 5.0320 |  |  | 38.9813 | 50.4308 |  |
| Promedio   | 92.8030 | 0.5691 | 0.6569 | 1.2260 | 5.1965 |  |  | 39.2847 | 50.8279 |  |
| Máximo     | 93.0706 | 0.6227 | 1.2558 | 1.7521 | 5.3610 |  |  | 39.5136 | 51.0911 |  |
| Desv. Est. | 0.1658  | 0.0376 | 0.1792 | 0.1738 | 0.0891 |  |  | 0.1161  | 0.1421  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Veracruz                        |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 89.3546           | 0.0445                           | 5.0125               | 5.0570                   | 5.2660           |                                |                                 | 37.5702                                  | 48.2961                              |                                              |                                       |                     |
| 02/07/2014           | 89.3875           | 0.0450                           | 4.9997               | 5.0447                   | 5.2050           |                                |                                 | 37.5835                                  | 48.3091                              |                                              |                                       |                     |
| 03/07/2014           | 87.3350           | 0.0447                           | 4.6045               | 4.6492                   | 7.6420           |                                |                                 | 38.4383                                  | 48.9854                              |                                              |                                       |                     |
| 04/07/2014           | 90.6473           | 0.0513                           | 4.6861               | 4.7375                   | 4.2730           |                                |                                 | 37.4273                                  | 48.3426                              |                                              |                                       |                     |
| 05/07/2014           | 90.4960           | 0.0375                           | 5.3799               | 5.4174                   | 3.7600           |                                |                                 | 37.0126                                  | 47.8057                              |                                              |                                       |                     |
| 06/07/2014           | 89.3339           | 0.0449                           | 4.9950               | 5.0399                   | 5.3140           |                                |                                 | 37.5917                                  | 48.3171                              |                                              |                                       |                     |
| 07/07/2014           | 88.5440           | 0.0439                           | 5.9358               | 5.9797                   | 5.0450           |                                |                                 | 37.2320                                  | 47.7037                              |                                              |                                       |                     |
| 08/07/2014           | 88.9923           | 0.0429                           | 5.2798               | 5.3226                   | 5.1810           |                                |                                 | 37.5644                                  | 48.1802                              |                                              |                                       |                     |
| 09/07/2014           | 88.8147           | 0.0379                           | 4.9276               | 4.9655                   | 5.6840           |                                |                                 | 37.8646                                  | 48.5128                              |                                              |                                       |                     |
| 10/07/2014           | 87.9883           | 0.0328                           | 4.8614               | 4.8942                   | 6.4620           |                                |                                 | 38.1798                                  | 48.7324                              |                                              |                                       |                     |
| 11/07/2014           | 87.7045           | 0.0333                           | 5.2673               | 5.3005                   | 6.4060           |                                |                                 | 37.9653                                  | 48.4344                              |                                              |                                       |                     |
| 12/07/2014           | 87.0379           | 0.0404                           | 6.0688               | 6.1092                   | 6.2490           |                                |                                 | 37.6231                                  | 47.8898                              |                                              |                                       |                     |
| 13/07/2014           | 88.3560           | 0.0478                           | 4.8566               | 4.9044                   | 6.1200           |                                |                                 | 38.0524                                  | 48.6499                              |                                              |                                       |                     |
| 14/07/2014           | 88.3409           | 0.0409                           | 4.8090               | 4.8500                   | 6.2340           |                                |                                 | 38.0824                                  | 48.6925                              |                                              |                                       |                     |
| 15/07/2014           | 87.8067           | 0.0359                           | 4.7661               | 4.8020                   | 6.7850           |                                |                                 | 38.2740                                  | 48.8277                              |                                              |                                       |                     |
| 16/07/2014           | 88.9340           | 0.0529                           | 4.3617               | 4.4145                   | 6.1370           |                                |                                 | 38.1880                                  | 48.9415                              |                                              |                                       |                     |
| 17/07/2014           | 88.2183           | 0.0436                           | 5.6615               | 5.7051                   | 5.5910           |                                |                                 | 37.5251                                  | 47.9946                              |                                              |                                       |                     |
| 18/07/2014           | 89.0846           | 0.0508                           | 4.9910               | 5.0418                   | 5.3910           |                                |                                 | 37.7128                                  | 48.3870                              |                                              |                                       |                     |
| 19/07/2014           | 89.1090           | 0.0510                           | 4.9790               | 5.0300                   | 5.3750           |                                |                                 | 37.7150                                  | 48.3933                              |                                              |                                       |                     |
| 20/07/2014           | 89.1090           | 0.0510                           | 4.9790               | 5.0300                   | 5.3750           |                                |                                 | 37.7150                                  | 48.3933                              |                                              |                                       |                     |
| 21/07/2014           | 89.1090           | 0.0510                           | 4.9790               | 5.0300                   | 5.3750           |                                |                                 | 37.7150                                  | 48.3933                              |                                              |                                       |                     |
| 22/07/2014           | 89.1090           | 0.0510                           | 4.9790               | 5.0300                   | 5.3750           |                                |                                 | 37.7150                                  | 48.3933                              |                                              |                                       |                     |
| 23/07/2014           | 88.3865           | 0.0435                           | 5.3514               | 5.3949                   | 5.7090           |                                |                                 | 37.6995                                  | 48.2319                              |                                              |                                       |                     |
| 24/07/2014           | 87.3140           | 0.0429                           | 5.3071               | 5.3500                   | 6.9690           |                                |                                 | 37.9852                                  | 48.4222                              |                                              |                                       |                     |
| 25/07/2014           | 89.2914           | 0.1453                           | 4.3036               | 3.4489                   | 5.7340           |                                |                                 | 38.4850                                  | 49.5432                              |                                              |                                       |                     |
| 26/07/2014           | 89.3375           | 0.1347                           | 4.3268               | 3.4614                   | 5.7800           |                                |                                 | 38.4478                                  | 49.5339                              |                                              |                                       |                     |
| 27/07/2014           | 89.4921           | 0.1229                           | 4.3858               | 3.5087                   | 5.6150           |                                |                                 | 38.3289                                  | 49.4194                              |                                              |                                       |                     |
| 28/07/2014           | 89.1656           | 0.1430                           | 4.4941               | 3.6371                   | 5.6660           |                                |                                 | 38.3866                                  | 49.3886                              |                                              |                                       |                     |
| 29/07/2014           | 89.0703           | 0.1497                           | 4.6288               | 3.7785                   | 5.6350           |                                |                                 | 38.3080                                  | 49.2708                              |                                              |                                       |                     |
| 30/07/2014           | 89.2145           | 0.1305                           | 4.6900               | 3.8205                   | 5.5730           |                                |                                 | 38.2126                                  | 49.2206                              |                                              |                                       |                     |
| 31/07/2014           | 89.0485           | 0.1341                           | 4.5856               | 3.7197                   | 5.8120           |                                |                                 | 38.3753                                  | 49.3975                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 87.0379 | 0.0328 | 4.3036 | 3.4489 | 3.7600 |  |  | 37.0126 | 47.7037 |  |
| Promedio   | 88.8107 | 0.0652 | 4.9501 | 4.7895 | 5.7012 |  |  | 37.9025 | 48.6130 |  |
| Máximo     | 90.6473 | 0.1497 | 6.0688 | 6.1092 | 7.6420 |  |  | 38.4850 | 49.5432 |  |
| Desv. Est. | 0.8262  | 0.0401 | 0.4347 | 0.7296 | 0.7360 |  |  | 0.3880  | 0.5193  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Matapionche                     |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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 Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Acido<br>Sulfhídrico<br>(mg/m³) | Azufre total*<br>(mg/m³) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|---------------------------------|--------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )      | Norma ( 36,30 - 43,60 )     | Norma ( 46,20 - 53,20 ) | Norma ( 6 )                     | Norma ( 150 )            | Norma ( 0.2 )       |
| 01/07/2014           | 92.8020           | 0.4717                           | 0.7647               | 1.2363                   | 5.6240           |                                |                    | 39.1154                     | 50.7737                 |                                 |                          |                     |
| 02/07/2014           | 92.9250           | 0.4966                           | 0.7670               | 1.2635                   | 5.4860           |                                |                    | 39.0595                     | 50.7237                 |                                 |                          |                     |
| 03/07/2014           | 92.8885           | 0.4711                           | 0.7803               | 1.2514                   | 5.5270           |                                |                    | 39.0796                     | 50.7467                 |                                 |                          |                     |
| 04/07/2014           | 92.9380           | 0.4877                           | 0.7702               | 1.2578                   | 5.4800           |                                |                    | 39.0594                     | 50.7284                 |                                 |                          |                     |
| 05/07/2014           | 92.7525           | 0.4807                           | 0.7750               | 1.2557                   | 5.6510           |                                |                    | 39.1178                     | 50.7641                 |                                 |                          |                     |
| 06/07/2014           | 92.6756           | 0.4723                           | 0.7741               | 1.2465                   | 5.7320           |                                |                    | 39.1490                     | 50.7881                 |                                 |                          |                     |
| 07/07/2014           | 92.7269           | 0.4806                           | 0.7692               | 1.2498                   | 5.6810           |                                |                    | 39.1297                     | 50.7736                 |                                 |                          |                     |
| 08/07/2014           | 92.6853           | 0.4905                           | 0.7704               | 1.2609                   | 5.7040           |                                |                    | 39.1367                     | 50.7702                 |                                 |                          |                     |
| 09/07/2014           | 92.8185           | 0.4532                           | 0.6673               | 1.1205                   | 5.7060           |                                |                    | 39.2754                     | 50.9039                 |                                 |                          |                     |
| 10/07/2014           | 92.8483           | 0.4559                           | 0.6440               | 1.0999                   | 5.7030           |                                |                    | 39.1969                     | 50.8855                 |                                 |                          |                     |
| 11/07/2014           | 92.8548           | 0.4605                           | 0.6454               | 1.1060                   | 5.6870           |                                |                    | 39.1923                     | 50.8789                 |                                 |                          |                     |
| 12/07/2014           | 92.8103           | 0.4122                           | 0.6652               | 1.0774                   | 5.7870           |                                |                    | 39.2142                     | 50.9159                 |                                 |                          |                     |
| 13/07/2014           | 92.4439           | 0.4652                           | 0.6802               | 1.1453                   | 6.0490           |                                |                    | 39.2865                     | 50.9133                 |                                 |                          |                     |
| 14/07/2014           | 92.8389           | 0.4763                           | 0.6649               | 1.1412                   | 5.6710           |                                |                    | 39.1791                     | 50.8520                 |                                 |                          |                     |
| 15/07/2014           | 92.5321           | 0.4434                           | 0.6711               | 1.1145                   | 5.9870           |                                |                    | 39.2831                     | 50.9305                 |                                 |                          |                     |
| 16/07/2014           | 92.3995           | 0.4552                           | 0.6772               | 1.1323                   | 6.0840           |                                |                    | 39.3155                     | 50.9379                 |                                 |                          |                     |
| 17/07/2014           | 92.3883           | 0.4433                           | 0.6800               | 1.1233                   | 6.1080           |                                |                    | 39.3771                     | 50.9671                 |                                 |                          |                     |
| 18/07/2014           | 92.3538           | 0.4616                           | 0.6793               | 1.1409                   | 6.1220           |                                |                    | 39.3234                     | 50.9401                 |                                 |                          |                     |
| 19/07/2014           | 92.4241           | 0.4503                           | 0.6753               | 1.1256                   | 6.0940           |                                |                    | 39.3037                     | 50.9385                 |                                 |                          |                     |
| 20/07/2014           | 92.4290           | 0.4357                           | 0.6776               | 1.1133                   | 6.0960           |                                |                    | 39.3119                     | 50.9523                 |                                 |                          |                     |
| 21/07/2014           | 92.3833           | 0.4457                           | 0.6791               | 1.1248                   | 6.1140           |                                |                    | 39.3235                     | 50.9513                 |                                 |                          |                     |
| 22/07/2014           | 92.2860           | 0.4621                           | 0.6788               | 1.1408                   | 6.1970           |                                |                    | 39.3396                     | 50.9492                 |                                 |                          |                     |
| 23/07/2014           | 92.4468           | 0.4371                           | 0.6820               | 1.1191                   | 6.0590           |                                |                    | 39.3075                     | 50.9467                 |                                 |                          |                     |
| 24/07/2014           | 92.5030           | 0.4625                           | 0.6812               | 1.1437                   | 5.9900           |                                |                    | 39.2722                     | 50.9098                 |                                 |                          |                     |
| 25/07/2014           | 92.4843           | 0.4505                           | 0.6797               | 1.1302                   | 6.0230           |                                |                    | 39.2853                     | 50.9261                 |                                 |                          |                     |
| 26/07/2014           | 92.5452           | 0.4256                           | 0.6793               | 1.1049                   | 5.9850           |                                |                    | 39.2855                     | 50.9435                 |                                 |                          |                     |
| 27/07/2014           | 92.4973           | 0.4417                           | 0.6773               | 1.1190                   | 6.0190           |                                |                    | 39.2896                     | 50.9355                 |                                 |                          |                     |
| 28/07/2014           | 92.5045           | 0.3909                           | 0.6769               | 1.0678                   | 6.0260           |                                |                    | 39.3407                     | 50.9990                 |                                 |                          |                     |
| 29/07/2014           | 92.4243           | 0.4102                           | 0.6774               | 1.0876                   | 6.1280           |                                |                    | 39.3296                     | 50.9799                 |                                 |                          |                     |
| 30/07/2014           | 92.5395           | 0.4152                           | 0.6807               | 1.0959                   | 6.0000           |                                |                    | 39.2937                     | 50.9548                 |                                 |                          |                     |
| 31/07/2014           | 92.5788           | 0.3915                           | 0.6827               | 1.0742                   | 5.9830           |                                |                    | 39.2953                     | 50.9711                 |                                 |                          |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 92.2860 | 0.3909 | 0.6440 | 1.0678 | 5.4800 |  |  | 39.0594 | 50.7237 |  |
| Promedio   | 92.6041 | 0.4515 | 0.6991 | 1.1506 | 5.8872 |  |  | 39.2409 | 50.8888 |  |
| Máximo     | 92.9380 | 0.4966 | 0.7803 | 1.2635 | 6.1970 |  |  | 39.3771 | 50.9990 |  |
| Desv. Est. | 0.1963  | 0.0272 | 0.0443 | 0.0644 | 0.2193 |  |  | 0.0931  | 0.0839  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Playuela                        |              |
| ZONA DE MEDICIÓN:  | SUR                             | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( NA )      | Norma ( 3 )                      | Norma ( 7 )          | Norma ( 7 )              | Norma ( 12 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,30 - 43,60 )                  | Norma ( 46,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 99.4019           | 0.1835                           | 0.1315               | 0.3149                   | 0.1130           |                                |                                 | 37.8042                                  | 50.5310                              |                                              |                                       |                     |
| 02/07/2014           | 99.3948           | 0.1849                           | 0.1320               | 0.3169                   | 0.1160           |                                |                                 | 37.8057                                  | 50.5304                              |                                              |                                       |                     |
| 03/07/2014           | 99.4137           | 0.1828                           | 0.1310               | 0.3138                   | 0.1080           |                                |                                 | 37.7987                                  | 50.5285                              |                                              |                                       |                     |
| 04/07/2014           | 99.4195           | 0.1820                           | 0.1310               | 0.3130                   | 0.1060           |                                |                                 | 37.7969                                  | 50.5284                              |                                              |                                       |                     |
| 05/07/2014           | 99.4210           | 0.1813                           | 0.1306               | 0.3119                   | 0.1050           |                                |                                 | 37.7969                                  | 50.5289                              |                                              |                                       |                     |
| 06/07/2014           | 99.4163           | 0.1828                           | 0.1306               | 0.3133                   | 0.1070           |                                |                                 | 37.7980                                  | 50.5283                              |                                              |                                       |                     |
| 07/07/2014           | 99.4005           | 0.1838                           | 0.1318               | 0.3157                   | 0.1140           |                                |                                 | 37.8047                                  | 50.5308                              |                                              |                                       |                     |
| 08/07/2014           | 99.4051           | 0.1832                           | 0.1315               | 0.3147                   | 0.1110           |                                |                                 | 37.8030                                  | 50.5304                              |                                              |                                       |                     |
| 09/07/2014           | 99.4040           | 0.1835                           | 0.1319               | 0.3154                   | 0.1120           |                                |                                 | 37.8026                                  | 50.5298                              |                                              |                                       |                     |
| 10/07/2014           | 99.3992           | 0.1843                           | 0.1320               | 0.3163                   | 0.1140           |                                |                                 | 37.8041                                  | 50.5298                              |                                              |                                       |                     |
| 11/07/2014           | 99.3998           | 0.1848                           | 0.1318               | 0.3165                   | 0.1140           |                                |                                 | 37.8036                                  | 50.5294                              |                                              |                                       |                     |
| 12/07/2014           | 99.4050           | 0.1843                           | 0.1312               | 0.3155                   | 0.1120           |                                |                                 | 37.8018                                  | 50.5290                              |                                              |                                       |                     |
| 13/07/2014           | 99.4040           | 0.1842                           | 0.1313               | 0.3155                   | 0.1120           |                                |                                 | 37.8023                                  | 50.5293                              |                                              |                                       |                     |
| 14/07/2014           | 99.4052           | 0.1842                           | 0.1313               | 0.3155                   | 0.1120           |                                |                                 | 37.8020                                  | 50.5293                              |                                              |                                       |                     |
| 15/07/2014           | 99.3946           | 0.1855                           | 0.1320               | 0.3175                   | 0.1160           |                                |                                 | 37.8059                                  | 50.5301                              |                                              |                                       |                     |
| 16/07/2014           | 99.3928           | 0.1858                           | 0.1323               | 0.3181                   | 0.1160           |                                |                                 | 37.8065                                  | 50.5300                              |                                              |                                       |                     |
| 17/07/2014           | 99.3960           | 0.1853                           | 0.1325               | 0.3178                   | 0.1150           |                                |                                 | 37.8048                                  | 50.5294                              |                                              |                                       |                     |
| 18/07/2014           | 99.3986           | 0.1838                           | 0.1324               | 0.3162                   | 0.1150           |                                |                                 | 37.8048                                  | 50.5305                              |                                              |                                       |                     |
| 19/07/2014           | 99.3973           | 0.1840                           | 0.1328               | 0.3168                   | 0.1150           |                                |                                 | 37.8050                                  | 50.5304                              |                                              |                                       |                     |
| 20/07/2014           | 99.3963           | 0.1845                           | 0.1335               | 0.3180                   | 0.1150           |                                |                                 | 37.8044                                  | 50.5293                              |                                              |                                       |                     |
| 21/07/2014           | 99.3958           | 0.1837                           | 0.1335               | 0.3172                   | 0.1160           |                                |                                 | 37.8056                                  | 50.5306                              |                                              |                                       |                     |
| 22/07/2014           | 99.3938           | 0.1848                           | 0.1335               | 0.3184                   | 0.1160           |                                |                                 | 37.8055                                  | 50.5296                              |                                              |                                       |                     |
| 23/07/2014           | 99.4038           | 0.1844                           | 0.1328               | 0.3171                   | 0.1110           |                                |                                 | 37.8014                                  | 50.5281                              |                                              |                                       |                     |
| 24/07/2014           | 99.3972           | 0.1846                           | 0.1328               | 0.3174                   | 0.1150           |                                |                                 | 37.8042                                  | 50.5293                              |                                              |                                       |                     |
| 25/07/2014           | 99.3959           | 0.1849                           | 0.1328               | 0.3177                   | 0.1150           |                                |                                 | 37.8049                                  | 50.5297                              |                                              |                                       |                     |
| 26/07/2014           | 99.3985           | 0.1833                           | 0.1324               | 0.3157                   | 0.1150           |                                |                                 | 37.8054                                  | 50.5312                              |                                              |                                       |                     |
| 27/07/2014           | 99.3938           | 0.1845                           | 0.1333               | 0.3178                   | 0.1180           |                                |                                 | 37.8053                                  | 50.5300                              |                                              |                                       |                     |
| 28/07/2014           | 99.3954           | 0.1851                           | 0.1329               | 0.3180                   | 0.1160           |                                |                                 | 37.8049                                  | 50.5295                              |                                              |                                       |                     |
| 29/07/2014           | 99.3942           | 0.1850                           | 0.1333               | 0.3183                   | 0.1170           |                                |                                 | 37.8050                                  | 50.5293                              |                                              |                                       |                     |
| 30/07/2014           | 99.3937           | 0.1853                           | 0.1330               | 0.3183                   | 0.1170           |                                |                                 | 37.8049                                  | 50.5291                              |                                              |                                       |                     |
| 31/07/2014           | 99.3926           | 0.1851                           | 0.1330               | 0.3181                   | 0.1170           |                                |                                 | 37.8058                                  | 50.5297                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 99.3926 | 0.1813 | 0.1306 | 0.3119 | 0.1050 |  |  | 37.7969 | 50.5281 |  |
| Promedio   | 99.4006 | 0.1842 | 0.1322 | 0.3164 | 0.1136 |  |  | 37.8035 | 50.5296 |  |
| Máximo     | 99.4210 | 0.1858 | 0.1335 | 0.3184 | 0.1180 |  |  | 37.8065 | 50.5312 |  |
| Desv. Est. | 0.0078  | 0.0010 | 0.0009 | 0.0017 | 0.0033 |  |  | 0.0026  | 0.0008  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                                 |              |
|--------------------|---------------------------------|--------------|
| PERMISIONARIO:     | Pemex Gas y Petroquímica Básica |              |
| PUNTO DE MEDICIÓN: | Mareografo                      |              |
| ZONA DE MEDICIÓN:  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| 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/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/07/2014           | 87.5248           | 0.0365                           | 6.6215               | 6.6580                   | 5.3940           |                                |                                 | 37.0340                                  | 47.2145                              |                                              |                                       |                     |
| 02/07/2014           | 87.9301           | 0.0440                           | 6.2338               | 6.2778                   | 5.3650           |                                |                                 | 37.1617                                  | 47.4402                              |                                              |                                       |                     |
| 03/07/2014           | 87.6790           | 0.0470                           | 6.5040               | 6.5510                   | 5.3630           |                                |                                 | 37.0610                                  | 47.3522                              |                                              |                                       |                     |
| 04/07/2014           | 87.7280           | 0.0460                           | 6.4870               | 6.5330                   | 5.3310           |                                |                                 | 37.0590                                  | 47.3584                              |                                              |                                       |                     |
| 05/07/2014           | 87.7340           | 0.0460                           | 6.4870               | 6.5330                   | 5.3280           |                                |                                 | 37.0570                                  | 47.3573                              |                                              |                                       |                     |
| 06/07/2014           | 87.7010           | 0.0460                           | 6.5110               | 6.5570                   | 5.3390           |                                |                                 | 37.0500                                  | 47.3434                              |                                              |                                       |                     |
| 07/07/2014           | 90.9980           | 0.1090                           | 5.4170               | 5.5260                   | 3.4550           |                                |                                 | 36.6680                                  | 47.5267                              |                                              |                                       |                     |
| 08/07/2014           | 91.3610           | 0.1020                           | 5.2180               | 5.3200                   | 3.2750           |                                |                                 | 36.7090                                  | 47.6413                              |                                              |                                       |                     |
| 09/07/2014           | 89.5485           | 0.0569                           | 4.7378               | 4.7946                   | 5.2230           |                                |                                 | 37.6246                                  | 48.3411                              |                                              |                                       |                     |
| 10/07/2014           | 90.3930           | 0.0918                           | 4.8552               | 4.9470                   | 4.1790           |                                |                                 | 37.4189                                  | 48.2372                              |                                              |                                       |                     |
| 11/07/2014           | 90.4968           | 0.0919                           | 4.8410               | 4.9329                   | 4.1280           |                                |                                 | 37.3768                                  | 48.2099                              |                                              |                                       |                     |
| 12/07/2014           | 90.2293           | 0.0853                           | 5.0918               | 5.1770                   | 4.1280           |                                |                                 | 37.3016                                  | 48.0704                              |                                              |                                       |                     |
| 13/07/2014           | 89.9122           | 0.0848                           | 5.1968               | 5.2816                   | 4.3020           |                                |                                 | 37.3373                                  | 48.0479                              |                                              |                                       |                     |
| 14/07/2014           | 89.9730           | 0.0874                           | 5.2387               | 5.3261                   | 4.2270           |                                |                                 | 37.2803                                  | 47.9939                              |                                              |                                       |                     |
| 15/07/2014           | 90.6190           | 0.0828                           | 4.9651               | 5.0479                   | 3.9000           |                                |                                 | 37.2679                                  | 48.1052                              |                                              |                                       |                     |
| 16/07/2014           | 89.8118           | 0.0278                           | 5.1007               | 5.1285                   | 4.6110           |                                |                                 | 37.4464                                  | 48.1917                              |                                              |                                       |                     |
| 17/07/2014           | 89.4085           | 0.0200                           | 5.4665               | 5.4865                   | 4.6520           |                                |                                 | 37.3275                                  | 47.9726                              |                                              |                                       |                     |
| 18/07/2014           | 89.6201           | 0.0044                           | 5.2566               | 5.2610                   | 4.6160           |                                |                                 | 37.4880                                  | 48.1460                              |                                              |                                       |                     |
| 19/07/2014           | 89.1865           | 0.0000                           | 5.6468               | 5.6468                   | 4.7270           |                                |                                 | 37.2797                                  | 47.8823                              |                                              |                                       |                     |
| 20/07/2014           | 88.2969           | 0.0412                           | 6.1347               | 6.1759                   | 5.0770           |                                |                                 | 37.1752                                  | 47.5880                              |                                              |                                       |                     |
| 21/07/2014           | 89.6400           | 0.0714                           | 5.6491               | 5.7205                   | 4.1370           |                                |                                 | 37.1468                                  | 47.7147                              |                                              |                                       |                     |
| 22/07/2014           | 88.9595           | 0.0667                           | 6.0160               | 6.0827                   | 4.5120           |                                |                                 | 37.0213                                  | 47.4557                              |                                              |                                       |                     |
| 23/07/2014           | 88.1087           | 0.0584                           | 6.1069               | 6.1653                   | 5.1600           |                                |                                 | 37.2190                                  | 47.5442                              |                                              |                                       |                     |
| 24/07/2014           | 89.6355           | 0.0583                           | 5.4353               | 5.4936                   | 4.4520           |                                |                                 | 37.2294                                  | 47.8637                              |                                              |                                       |                     |
| 25/07/2014           | 89.6834           | 0.0591                           | 5.3463               | 5.4054                   | 4.4780           |                                |                                 | 37.2933                                  | 47.9548                              |                                              |                                       |                     |
| 26/07/2014           | 90.0033           | 0.0378                           | 5.2731               | 5.3109                   | 4.2970           |                                |                                 | 37.2380                                  | 47.9473                              |                                              |                                       |                     |
| 27/07/2014           | 89.7225           | 0.0444                           | 5.3145               | 5.3589                   | 4.4990           |                                |                                 | 37.2964                                  | 47.9497                              |                                              |                                       |                     |
| 28/07/2014           | 89.9486           | 0.0706                           | 5.2364               | 5.3070                   | 4.3480           |                                |                                 | 37.2623                                  | 47.9674                              |                                              |                                       |                     |
| 29/07/2014           | 89.6257           | 0.0316                           | 5.4666               | 5.4982                   | 4.4580           |                                |                                 | 37.2284                                  | 47.8425                              |                                              |                                       |                     |
| 30/07/2014           | 89.6665           | 0.0354                           | 5.5516               | 5.5870                   | 4.3320           |                                |                                 | 37.1582                                  | 47.7752                              |                                              |                                       |                     |
| 31/07/2014           | 90.0937           | 0.0203                           | 5.3096               | 5.3299                   | 4.2140           |                                |                                 | 37.1708                                  | 47.8798                              |                                              |                                       |                     |

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

|            |         |        |        |        |        |  |  |         |         |  |
|------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|
| Mínimo     | 87.5248 | 0.0000 | 4.7378 | 4.7946 | 3.2750 |  |  | 36.6680 | 47.2145 |  |
| Promedio   | 89.3948 | 0.0550 | 5.5715 | 5.6265 | 4.5647 |  |  | 37.2061 | 47.8037 |  |
| Máximo     | 91.3610 | 0.1090 | 6.6215 | 6.6580 | 5.3940 |  |  | 37.6246 | 48.3411 |  |
| Desv. Est. | 1.0548  | 0.0278 | 0.5559 | 0.5475 | 0.5595 |  |  | 0.1969  | 0.3133  |  |

Observaciones: